ANNUAL REPORT OF KVK, SIVASAGAR, 2017-18

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Sivasagar, Assam. PO: Dhopabar Via Santak PIN : 785687 www.kvksivasagar.nic.in	NA	NA	kvk_sivasagar@aau.ac.in

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

Address	Telephone		E mail
	Office	FAX	
Assam Agricultural University, Jorhat -785013	0376-2340029	0376-2310708	registrar@aau.ac.in

1.3. Name of the Programme Coordinator with Phone & Mobile No.

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Phuleswar Nath	NA	9954411012	phuleswarnath@rediffmail.com

1.4. Year of sanction: 2003

1.5. Staff Position **(As on 31st March, 2018)**

Sl. No.	Sanctioned post	Name of the incumbent	Design-ation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others
1	Sr. Scientist and Head	Dr. Phuleswar Nath	Sr. Scientist and Head	Plant Pathology	37400-67000	67490	31.03.05	Permanent	OBC
2	Subject Matter Specialist	Mr. Rupjyoti Borah	Subject Matter Specialist	Soil Science	15600-39100	30190	10.10.01	Permanent	OBC
3	Subject Matter Specialist	Mrs. Toslima Sultana Begum	Subject Matter Specialist	Home Science	15600-39100	30160	08.11.08	Permanent	General
4	Subject Matter Specialist	Mrs. Nayanmoni Buragohain	Subject Matter Specialist	Horticulture	15600-39100	25810	08.08.11	Permanent	OBC
5	Subject Matter Specialist	Mrs. Trishnalee Saikia	Subject Matter Specialist	Agril. Economics	15600-39100	23640	07.11.08	Permanent	MOBC
6	Subject Matter Specialist	Dr. Debajit Deka	Subject Matter Specialist	Animal Science	15600-39100	22280	27.10.15	Permanent	General

7	Subject Matter Specialist	Miss Priyanka Dutta	Subject Matter Specialist	Agronomy	15600-39100	22280	19.10.15	Permanent	OBC
8	Programme Assistant	Mr. Priyabrot Bordoloi	Prog. Asstt.	Agri. Extension	8000-35000	14110	29.12.15	Permanent	General
9	Computer Programmer	Sri Juga Rashmi Borah	Prog. Asstt. (Comp)	Computer	8000-35000	19490	11.11.08	Permanent	OBC
10	Farm Manager	Mr. Debashish Baruah	Farm Manager	Agronomy	8000-35000	13690	31.08.15	Permanent	General
11	Accountant / Superintendent	Mrs. Rashmirekha Saikia	Office Superintendant cum Accountant	Agri-Business Management	8000-35000	14980	22.02.12	Permanent	OBC
12	Stenographer	Mrs. Karabi Borgohain Phukan	Jr. Steno cum computer operator		5200-20200	11560	18.02.12	Permanent	OBC
13	Driver	Sri Phanidhar Gogoi	Driver cum Mechanic		5200-20200	9680	22.02.12	Permanent	OBC
14	Driver	Mr.Jitu Baruah	Driver cum Mechanic		5200-20200	8580	30.11.16	Permanent	OBC
15	Supporting staff	Baneswar Gogoi	Grade -IV		4560-15600	12440	09.02.96	Permanent	OBC
16	Supporting staff	Vacant							
	Total		15/16						

Note: No column in the table must be left blank

1.6. a. Total land with KVK (in ha) :**13.7 ha**

b. Total cultivable land with KVK (in ha) :10.5 ha

c. Total cultivated land (in ha) :2.5 ha

SL. No.	Item	Area (ha)
1	Under Buildings (Administrative building+ Farmers' Hostel+ Staff Quarters)	0.800
2.	Under Demonstration Units	0.014
3.	Under Crops (Cereals, pulses, oilseeds etc.)	2.0 ha
4.	Under vegetables	
5.	Orchard/Agro-forestry	0.5
6.	Others (Fishery)	0.65

1.7. Infrastructural Development:

A) Buildings

Sl. No.	Name of building	Source of Funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	19.7.2014	238	8498471.75		-	100% Complete
2.	Farmers Hostel	-do-	-			14.4.2009	305	Incomplete
3.	Staff Quarters (6)	-do-				14.4.2008	298	95% Complete
4.	Demonstration Units (2)	RKVY	9.10.2013 11.2.2014	237.87	2037304.00			100% Complete
5	Fencing	ICAR	26.7.2012	723	1425899.00	-	823	45% Complete

B) Vehicles

Type of vehicle	**Regd. No.**	**Year of purchase**	**Cost (Rs.)**	**Total kms. Run**	**Present status**
Mahindra Marshall Jeep	AS-03E-0029	2005-06		128208km (meter was off during4607km)	Not Good
Power Tiller		2009	148000.00		Good

C) Equipments& AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Kilburn Mita Digital Copier	2006	48,360.00	Good
Digital photo copier	2010-11	101920.00	Good
2KVA Voltage stabilizer	2006	3,375.00	Good
Duplicating machine	2005	43,686.00	Out of order
Desktop Computer	2006	27,101.00	Good
Desk Top Computer	2010	55,094.00	Good
Laptop	2010	31547.00	Out of order
Laser Printer	2006	9,605.00	Out of order
Laser Printer	2010	5475.00	Out of order
1KVA UPS	2006	5,951.00	Out of order
Scanner	2006	3,549.00	Out of order
Scanner	2010	2724.00	Needs to repair
Digital Camera	2005-06	15,080.00	Not up to date
Digital Camera	2010	19000.00	Good
Fax Machine	2005-06	25,792.00	Not in use
Fax Machine	2010	15190.00	Not in use
Cassette Player with Amplifier	2005-06	5,625.00	Good
Microphone with stand	2005-06	6,300.00	Good
300 watts Sound Box with 15” Speaker	2005-06	11,250.00	Good
LCD Projector	2005-06	55,016.00	Good
UPS	2009-10	2150.00	Not in working condition
Weather station	2012	45,000.00	Good

1.8. A). Details SAC meeting* conducted in the year 2017-18

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken on last SAC recommendation
1.	21.03.18	Dr. H. C. Bhattacharyya, DEE, AAU Sri A. Baruah, DDC, Sivasagar Dr. T. Ahmed, Chief Scientist, RARS, Titabar Dr. M. Neog, ADEE (T), DoEE, AAU Dr. K. Dev Goswami, DVO, Sivasagar Dr. A. Barthakur, DAO, Sivasagar Sri A. Bora, Extension Officer, Sericulture Sri R. Thoosen, Sub-divisionla Fishery Development Officer, Nazira Sri D. K. Boruah, Forest Officer, Sivasagar Sri B. Gogoi, J.E., Irrigation Sri J. Changmai,J. E., Irrigation Dr. Deepak Borah, Prof., Dept. of AHD, AAU Dr. S. Dutta, DPD, ATMA Dr. J. Barman, VO, Nazira Sri S. R. Thakuria, LDM, Sivasagar Lohit Gogoi, Founder, KASS Sri S. Gogoi, Farmer member Mrs. B. Baruah, farmer member Mrs. A. Chetia, Farmer member Sri S. Baruah, Farmer member Sri A. Dihingia, Farmer Sri. J. Dutta, Farmer	Attached under	Attached under

		Sri Dulen Konwar, Farmer Sri T. Alom, Farmer		

**** Attach a copy of SAC proceedings along with list of participants***

Salient recommendations:

- Practical oriented vocational training on Value addition/primary processing should be conducted.
- Adoption of Potato storage technology with the help of Scientist of AICRP on potato
- One fishery scientist is required to appoint in KVK, Sivasagar
- OFT on Arahar short duration variety should be included in action plan.
- Training on farm business management should be given to EF under different discipline by inviting experts from MANAGE through DEE
- Pre flood awareness camp in collaboration with DAO should be conducted in flood affected areas
- Speciality based cluster should be formed in different villages by using different component including animal sector
- Awareness programme/Scientific intervention on arecanut+blackpepper based multistoried cropping system should be carried out
- One programme on Stevia cultivation (medicinal plant) to be conducted.
- OFT on different rice varieties for management of waterlogged situation have to be carried out in Mothadang area
- Linseed demonstration in collaboration with AICRP on linseed to be conducted. If collaboration is not possible then KVK has to conduct the demonstration by themselves.
- Demonstration on millets to be carried out in sandy soil of Demow block. Necessary help may be sought from Dr. S. K. Pal, Chief Scientist, RARS, Gossaigaon.
- FLD on buckwheat have to be included in action plan
- OFT on Rice-mustard-greengram to be conducted in rainfed areas of Nitaipukhuri area.
- OFT on fly control in summer mushroom by using yellow sticky card, mustard oil and other technology which are available with Mushroom Biotech, Siliguri
- Link up of red rice growing farmer of Sivasagar with KVK, Lakhimpur and RARS for marketing.
- FLD on maize to be conducted
- Scientist should be involved in Guiding the farmers until they adopt the technology for life time
- Horizontal expansion of every technology should be surveyed
- One exposure visit of fishery farmer to fishery college to be conducted
- Breeding of Jayanti Row to be carried out in the hatchery of Mr. T. Alom, Saraideu in association with KVK, Nalbari
- The low cost formulation for poultry feed prepared by progressive farmer Simanta Barua may be tried in other farmers field.

Action taken report

Sl no.	**Action Point**	**Action taken**
1	Biofenching instead of boundary wall	Budget for boundary wall was about to sanction at the end of financial year 2016-17 but at the last moment it was cancelled. For bio-fencing no fund was available under recurring contingency
2	Uploading Soil Health Card in Portal	**Only one or two cards uploaded. It will be completed within a short period of time**
3	Doubling farmers income by 2022	• Village Phulpanisinga Changmaigaon has been selected • Bench mark door to door survey has been completed • Average income calculated **as Rs.6060.40** per household per month **Interventions taken till now :** 1. Awareness programme/ice breaking session completed 2. Celebrated Honey bee day and Perthenium day in the village. 3. Conducted Animal Health camp 4. Demonstration of Ranjit Sub-1 5. Method demonstration on line transplanting 6. Small scale Vermicomposting to reduce production cost 7. OFT on Diphallu, the water logged rice variety 8. Introduction of rice-pea relay cropping 9. Introduction of INM practice to gradual conversion towards organic 10.Distributed Improved breed of pigs (3 nos) 11.Distributed BV-300 layer bird under backyeard system (100 no,) 12.Distributed dual purpose Vanaraja bird (100 nos.) 13.Intensive training on development of fodder nursery 14.Exposure visit to AAU for Farm mechanization and Farmers Day, held at RARS, Titabar
4	To convert Assam to an organic state	Both are under state policy will be contributed gradually
5	Procurement storage and market link	
6	Post harvest technology	Storage technique has been evaluated on greengram and blackgram as farmers saved seed. In regards to local small potato storage scientific testing is required.
7	Appointment of fishery scientist for operating hatchery	Still pending
8	Establishment of mushroom spawn lab	Necessary fund has been transferred from Head Quarter and equipments will be procured within this financial year
9	Attention should be given to create Farmers Producers Organization (FPO) with commodities like mushroom, vermicompost, fish production and other value added products with necessary support from	Associated with creation of two (FPOs) with DDM, NABARD, one on piggery and other on mushroom

	NABARD	
10	Promotion of short duration Arhar variety	Short duration Arhar variety was not available. The same will be tried in this year also.
11	Collaborative work on ground water recharge in needed area	Workshop on "Utilization of Ground water for irrigation in Sivasagar district" was organised in collaboration with NERIWALM, Sonitpur. It was established that ground water is available in the district but extraction technology has to be changed.

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 – Hort – AH
2.	Agri – Hort – AH – Fishery
3.	Agri – Hort – AH – Seri
4.	Hort – Agri
5.	AH
6.	AF – Agri

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

Sl. No	Agro-climatic Zone	Characteristics
1	Upper Brahmaputra Valley Zone	❖ This zone covers 160789 sq/ km ❖ Hot and wet summer climate ❖ Maximum temperature 37^{o}C ❖ Minimum temperature 7^{o}C ❖ Relative Humidity : 96% ❖ Heavy rainfall: March, April and May ❖ Very cold during January and February ❖ Dry weather: Mid October – Mid December

2.3 Soil type/s

Sl. No	Soil type	Area in ha
1.	Inceptisol (Old Alluvial)	136863
2.	Entisol (Recent Alluvial)	68116

2.4. Area, Production and Productivity of major crops cultivated in the district (2015-16)

Sl. No	Crop	Area (ha)	Production (Mt)	Productivity (kg/ha)
1	Winter paddy	98250	198439	2050
2	Autumn Paddy	240	326	1380
3	Summer paddy	1230	3466	2818
4	Wheat	8	9	1167

5	Black Gram	430	283	658
6	Lentil	40	31	765
7	Rapeseed & Mustard (2014-15)	1998	1126	563
8	Sugarcane	99	3489	35245
9	Jute	29	348	2161
10	Banana	1500	24586	16390
11	Orange **(**2012-13**)**	293	2867	9785
12	Pineapple	141	2168	15380
13	Papaya	169	4117	24360
14	Litchi (2012-13)	176	1178	6693
15	Mango(2012-13)	288	3362	11674
16	Guava(2012-13)	219	4159	18991
17	Jackfruit (2012-13)	893	6858	7680
18	Assam lemon (2012-13)	504	2885	5724
19	Potato	780	4516	5790
20	Onion	99	276	2790

Source. Directorate of Economics and Statistics

2.5. Weather data

Month	Rainfall (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	
April, 2017	175.2	35.5	17.6	April, 2017
May, 2017	288.8	37.9	19.4	May, 2017
June, 2017	369	38.6	22	June, 2017
July, 2017	474	37.6	23.1	July, 2017
Aug, 2017	454	38.2	23.4	Aug, 2017
Sept, 2017	402.4	37.1	22.6	Sept, 2017
Oct, 2017	152	36.3	17.4	Oct, 2017
Nov, 2017	11.4	31.2	11.4	Nov, 2017
Dec, 2017	6.8	64	9.1	Dec, 2017
Jan, 2018	14.6	27.1	6.4	Jan, 2018
Feb, 2018	32	29.6	8.5	Feb, 2018
Mar, 2018	119	32.8	12.7	Mar, 2018

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district (Sample survey 2013-14)

Category	Population	Production	Productivity
Cattle	413355		
Indigenous cattle	345063		
Crossbreed cattle	15607		
Buffalo	18653		
Sheep	111		
Goats	114689		
Horses and ponies	323		
Pigs	79714		
Total livestock	690980		
Fowls	457127		
Ducks	172094		

Numbers and Area of fishery, fish production in Sivasagar District

Sl. No.	Item	Unit	2013-14
1	Registered beel	Nos.	66
2	Area under registered beel	Hect.	3878
3	Ponds and tanks	Nos.	9068
4	Area under Ponds and tanks	Hect.	1171
5	Derelict water bodies	Nos.	216
6	Area under Derelict water bodies	Hect.	7129
7	Forest fishery	Nos.	3
8	Area under forest fishery	Hect.	92
9	Fish production	Tonnes	10190
10	Imp. Fish from outside the state	Tonnes	500
11	No. of registered fish markets	No.	3

Source: Statistical handbook of Assam, 2014

2.6 Details of Operational area / Villages (2017-18)

No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Sivasagar sub-Division	Sivasagar block	Betbari, Cherekapar, Nemuguri, Hanhsora, Gargaon, Rajabari, Rajmai, Bakata.	Rice, Tea, Horticulture crops, Vermicompost, Mushroom, Backyard poultry	Pests and diseases, flood	Rice, Tea, dairy, piggery, fishery, Horticulture crops, Vermicompost, Mushroom,
		Demow block	Rajabari, Netaipukhuri, Sukhanpukhuri, Demow, Disangmukh, Panbesa, Konwarpur, Jhanji, Sesamukh, Bhekurichapori	Rice, mustard, vegetables and horticultural crops, Vermicompost, Mushroom, Backyard poultry	Low productivity, pests and diseases.	Rice, mustard, vegetables, pea, black gram. Mushroom, Backyard poultry
		Gaurisagar block	Rangpur, Rudrasagar, Magarhat, Dikhowmukh, Khanamukh, Rupohimukh, Discial, Bhorolua, Garbhoga, NakataniKalugaon, Charing Duwarahpar, Khanikargaon	Rice, vegetables, fishery, poultry, piggery. Vermicompost, Mushroom,	Low productivity, pests and diseases. Flood occurrence.	Rice, fishery, vegetable crops, contingency planning, Vermicompost, Mushroom, Backyard poultry
2.	Amguri sub-division	Amguri block	Namti, Amguri, Lalimchiga, Khanikar, Samguri, Tarabari, Haluating, phulpanichiga	Rice, mustard, wheat, horticultural crop.	Pests and diseases. Low productivity of citrus.	Rice, horticultural crop, rejuvenation of citrus plantations.
3.	Nazira Sub-division	Nazira block	Nazira, Simologuri, Namti, Galeki, Dhopabar, Hanhsora, Bartala, Ligiripukhari, Chauak, Bihubar, Mesagarh, Rohdoipukhuri, mezenga, sundarpukhuri	Rice, wheat, jute, potato, sugarcane, piggery, fishery, dairy Vermicompost, Mushroom, Backyard poultry	Low production, pest and disease incidence.	Management of production technology. Vermicompost, Mushroom, Backyard poultry

4.	Sonari sub-division	Sonari block	Lakua, Safrai, Mathurapur, Dolbagan, Borhat, Bhojo, Tengapukhuri, Sepon, Abhoipur, Maibela, Charaideo,	Rice and horticultural crops, banana, pine apple, coconut,	Nursery raising, pest and disease problem	Rice, horticultural crops, pine apple, papaya, banana, coconut, mustard.
		Mahmora block	Nirmalia, Nizkhaloighugura, Kochupathar, Moranjan, Doba, Lessaihabi, Laiseng, Barbarua, Moudumoni, Himpara, Bisrampur, Nabajyoti, Bogoriting, Holmari	Rice and horticultural crops, banana, pine apple, coconut, tea	Nursery raising, pest and disease problem	Rice, horticultural crops, pine apple, papaya, banana, mustard, Vermicompost, Mushroom, Backyard poultry
		Sapekhati block	Balikhetia, Chotianaguri, Kanubari, Balijan,	Rice and horticultural crops, banana, pine apple, pea,	Nursery raising, pest and disease problem	Rice, horticultural crops, pine apple, papaya, banana, coconut, mustard.

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during 2017-18

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	
	Target	Achievement	Targets	Achievement	Target	Achievement	Target	Achievement
Agronomy	4	4	20	15	10	10	237	224
Horticulture	1	1	4	4	3	3	10	10
Animal Science	3	3	23	23	4	4	42	42
Soil Science	4	4	20	20	1	1	5	5
Home Science	1	1	9	9	2	1	16	8
Agril. Economics	1	0	10	0	1	0	25	0
Total	**14**	**13**	**86**	**71**	**21**	**19**	**335**	**289**

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	20	16	500	459	400	349	30000	50025
Rural youth	10	2	250	97				
Extn. Functionaries	6	5	150	123				
Total	**36**	**23**	**900**	**679**	**400**	**349**	**30000**	**50025**

Seed Production (Q.)		Planting material (Nos. in lakh)	
5		6	
Target	Achievement	Target	Achievement
20	Paddy: 11.89	200 nos.	Coconut: 64 nos.
	Toria: 3.84		Black pepper: 72 nos.
	Greengram: 0.33		
	Sesamum: 0.38		

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.	**Fertility management**	Rice-pea		Water and fertility management in rice-pea cropping sequence		1.Principles of fertilizer application and increasing its efficacy 2. Soil testing and its importance 3.Production and use of organic inputs		Field day	
		Blackgram		Acid soil management in blackgram					
		Blackgram		Performance of biofertilizer in blackgram					
		Sali rice		Boron for correction of spikelet sterility of low land Sali /kharif rice	INM in Sali rice				
2.	**INM**	Lathyrus		INM in Lathyrus under rice utera condition					

3.	**Seed production**	Toria			Popolarisation of toria var. JT-9--1	Production technology of oilseed crop with special reference to seed certification processing and storage	Qality seed production of major cereal crops with special emphasis on seed certification procedure	Field day	
		Linseed			FLD on linseed under rice fallow situation			Field day	
		sesamum			TLS production of sesamum var. Kaliabor	Scientific Sesamum production		Field day	
		Grengram			TLS production of green gram var. IPM-2-3	Scientific Greengram cultivation		Field day	
		Blackgram				Scientific Blackgram cultivation		Field day	
4.	**Integrated farming system**						Livestock based integrate farming system		

5.	**Varietal Evaluation**	Rice		Evaluation of tice variety Ranjit Sub-i against Brown spot disease under field condition					
		Ahu rice		Performance of ahu variety inglong kiri and Rong Khang under farmers practice in Sivasagar district					
		Tomato		Performance of tomato variety Arka Rakshak					
		Ber	Low productivity		Popularisation of apple ber/Thailand ber				
6.	**Fertility management**	Cabbage		Cultivation of cabbage using organic source of nutrients					
7.	**Mulching**	Okra		Plastic mulching in okra					
8.	**Breed evaluation**	Quail		Evaluation of quail in Sivasagar district					
		Goat	Lack of improved breed		Improvement of local goat through crossbreeding of Beetal buck	Care and management of goat			
		Duck	Low egg production		Rearing of Khaki campbel duck				

			Less meat production		Rearing of broiler duck				
		Poultry	Low egg and meat production		Rearing of improved dual type poultry vanaraja in sivasagar district under backyard system	Backyard poultry farming			
9.	**Cattle management**	Dairy	Lack of knowledge on dairy management			Care and management of milch cattle and buffalo			
10.	**Piggery management**	Piggery	Lack of knowledge on dairy management			Commercial pig farming			
11	**Fodder production**					Technique of raising fodder nursery with an emphasis on seed/slip			
12.	**Women empowerement**		Lack of knowledge			Income generating activities for empowerment of women SHGs			

13.	**Drudgery reduction**	Vegetables - Ladies finger and other vegetables	Drudgery in agricultural operations reduces productivity and cause health hazards.	Performance of different types of women friendly vegetable cutters (Ring cutter)					Ring cutter
14.	**Nutrition gardening**	Vegetables	Practicing cultivation of only 2-3 types of vegetables results in consumption of inadequate/imbalanced daily dietary requirements		Nutrition gardening for year round production of vegetables			Field day	Seeds/seedlings/tubers, vermicompost, fertilizers,pesticides.
15.	**Nutrition gardening**	Vegetables	Lack of knowledge on management of a nutrition garden at school premises and make the garden as a source for first hand experience for students	-	-	-	Nutritional security of children by establishing nutrition garden at school premises	-	

16.	**Value addition**	Vegetables, Mushrooms	Lack of knowledge on value addition of excess produced vegetables and mushrooms by processing and preservation	-	-	Vocational training on value addition of vegetables and mushrooms for entrepreneurship development			Raw vegetables,mushroom, preservatives and packaging materials

3.1 Achievements on technologies assessed and refined during 2017-18

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	Agron-2				Horti-1					3
Seed / Plant production	-									
Weed Management	-									
Integrated Crop Management					Horti-2					2
Integrated Nutrient Management	Soil-1	Soil-1	Soil-1	-	-	-	-	-	-	3
Fertility management			Soil-1							1
Soil management			Soil -1							1
Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Drudgery reduction	Home Science-1	-	-	-	-	-	-	-	-	1
Farm machineries	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Resource	-	-	-	-	-	-	-	-	-	-

conservation technology										
Small Scale income generating enterprises	-	-	-	-	-	-	-	-	-	-
Organic cultivation	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	11

* *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 HarvestTechnology										

Integrated Pest Management										
Integrated Disease Management										
Resource conservation technology										
Small Scale income generating enterprises										
TOTAL										

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

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

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

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	OFT on Comparative performance of Diphalu (TTB-303-2-23) under water logged situation upto 50 cm	Low production and grain type(bold) of existing water logged varieties	Comparative performance of **Diphalu** (TTB 303-2-23) under water logged situation upto 50cm Check Variety: Manohar Sali	Rice fallow	3 (Gowalpothar, Nakatani Kalugaon, Bharalua, Phulpanisiga and Magarahat)	**Diphalu**: DS:22.6.17-25.6.17 DT:20.7.17-26.7.17 Period of water logging : Entire crop growing period No of tillers after 30 days: 60-68 Plant height at harvest:151.45 cm Days to 50% flowering: 11.11.17-16.11.17 Days to harvest: 18.12.17-15.12.17 ET:10-12 Length of panicle: 25.50cm No of effective grains per panicle:330-390 No of uneffective grains per panicle: 10-15	Farmers are satisfied with the performance of the variety. The variety can resist lodging problem to some extent.	If proper spacing is maintained during transplanting then the variety can withstand water lodging.	OFT: 1.78 Check: 1.18

						Yield :4.65 t/ha **Check variety: Manohar Sali**: DS:20.6.17-25.6.17 DT:22.7.17-28.7.17 Period of water logging : Entire crop growing period No of tillers after 30 days: 78-85 Plant height at harvest:142.60 cm Days to 50% flowering: 15.11.17- 18.11.17 Days to harvest: 15.12.17-17.12.17 ET:18-21 Length of panicle: 21.45cm No of effective grains per panicle:250-285 No of uneffective grains per panicle: 15-18 Yield :2.8 t/ha			

2	Evaluation of performance of different pulse crop in rice utera condition.	Monocropping leads less profit to the farmers	Evaluation of performance of different pulse crop in rice utera condition. Rice-Pea Rice-Lentil Rice-Lathyrus	Rice fallow	3 (Garukhuti, Mahmora and Bharalua)	**Rice:** DS:10.6.17-15.6.17 DT: 4.7.17-9.7.17 No of tillers at the time of maturity: 18-20 No of ET: 12-15 PH at maturity: 90 cm Days to 50% flowering: 1.10.17-5.10.17 Length of panicle: 22.30cm No of effective grains/panicle: 280-320 No of uneffective grains/panicle:5-10 Yield: 4.3t/ha **2nd crop: P**ea, Lathyrus and Lentil: Pea variety Racchna Date of sowing: 23.10.17-27.10.17	Farmers are satisfied with the performance of Lathyrus and Field pea in comparison to Lentil in rice utera condition	Lathyrus and Field pea both have tremendous scope under rice utera condition if soil moisture is available.	Rice equivalent yield of pea: 7.38 t/ha Rice equivalent yield of Lathyrus: 8.49 t/ha Rice equivalent yield of Lentil:6.26 t/ha

						Days to harvest: 17.2.18-21.2.18 No of pods/plant: 6-8 No of grains per pod: 4-6 Yield: 4 q/ha Lathyrus variety: Ratan Date of sowing: 23.10.17-27.10.17 Days to harvest: 13.2.18-15.2.18 No of pods/plant:6-8 No of grains per pod:3-4 Yield: 4.26 q/ha Lentil variety: Moitree Date of sowing: 23.10.17-27.10.17 Days to harvest: 10.2.18-13.2.18 No of pods/plant:10-13 No of grains per pod:1-2 Yield: 3.64 q/ha			

3	Weed management in greengram	Weed is a major problem in kharif greengram	Weed management in greengram Technology: Pre emergence herbicide pendimethalin @1.00kg/ha **Check:** Without application of herbicide	Rice fallow	3(Nitaipukhuri)	**Greengram:** DS:20.9.17 Date of herbicide application: 20.9.17 Weed population at 30 DAS: Negligible Weed population at harvesting:45-47 Branching per plant: 4-6 Pod per plant:12-16 Seed per pod:10-12 Yield: 7.5 t/ha **Check:** Without application of herbicide DS:20.9.17 Weed population at 30 DAS: 22-25 Weed population at harvesting: 120-125 Branching per plant: 4-6 Pod per plant:12-16	Farmers are expressing their willingness to use the herbicide in blackgram and greengram during kharif season.	Herbicide application is found to be effective with using flat nozzle for spraying	Control:2.10 Check: 1.74

						Seed per pod:10-12 Yield: 6.2 t/ha			
4	Evaluation of mustard var. PM-26 in Sivasagar district	Lack of short duration mustard variety is a major problem due to heavy pre monsoon shower	Evaluation of mustard var. PM-26 in Sivasagar district Check var. TM-2	Fallow areas	4(Gotonga, Kharadhara, Garukhuti, Khanajan)	**PM-26:** DS: 5.11.17-10.11.17 Date of harvesting: 10.02.18 Plant height: 155.5 cm-170.60 cm No of branching:9-13 No of siliqua: 1640-1710 Seed per siliquea:17-20 Yield: 12.1 q/ha **TM-2:** DS: 2.11.17-5.11.17 Date of harvesting: 15.02.18 Plant height: 110.75-125.45 cm No of branching:4-6 No of siliqua:1160-1255 Seed per siliquea:12-14 Yield: 10.5 q/ha	Farmers are expressing their willingness to adopt mustard crop in toria growing area	As the mustard variety PM-26 is giving a good result in comparison to TM-2. So it can adopt in toria growing area	Control: 2.02 Check: 1.75

5	Water and fertility management in rice-pea system under relay	Underutilization of residual effect of fertilizers in rice and decline in soil conditions in heavy textured soil	Rice-relay pea with basal application of vermicompost (@ 1 t/ha) and FYM (@ 2.5 t/ha) to rice crop and 1 irrigation of 4 cm at flowering stage of pea	Rice- fallow	**5**	**Rice yield : 4.276 t/ha** **Pea Yield : 7.98 t/ha** **REY : 53.38 t/ha** The available N, P_2O_5, K_2O and Organic carbon in the OFT recorded an increase of 2.95, 10.56, 2.02 and 21.43 per cent over initial and a fall of 1.66, 2.28, increase of 0.46 and 6.67 percent over farmers'practice(Rice monocrop).	The technology is acceptable if irrigation facilities are available and considerable soil moisture is there.	The technology seems to have a limitation of performing well in heavy soil with low organic matter content. However, increasing organic inputs in the first crop may meet the problem to some extent in such soils.	**B:C Ratio :** **OFT 1.67 ; FP : 1.10**
6	Boron for correction of spikelet sterility in lowland rice	Deficiency of boron in lowland rice results in spikelet sterility	Spraying of 0.40 ppm Boron at anthesis stage	Rice monocrop	5	Yield of FP : 3.63 t/ha Yield of OFT: 4.346 t/ha % reduction in chaffy grains : 68.8% reduction in chaffy grains	Farmers are satisfied with the technology and eager to adopt it	Spraying at anthesis does lead to a damage in the rice spikelet if the spraying	OFT : 1.84 Check : 1.78

								is not done by an expert hand	
7	Acid Soil Management in Blackgram	Reduced P availability due to acidity resulting in low pod formation	Application of 33% lime requirement and 2% urea spray at pod initiation stage alongwith recommended doses of fertilizer @ 15:35:15 kg/ha N:P2O5:K2O	Rice - blackgram	5	Yield : OFT : 11.34 q/ha FP : 10.1 q/ha			OFT : 1.17 Check : 1.08
8	Performance of biofertilizers in blackgram		Seed inoculation of biofertilizer consortia @50g/kg of seed	Rice - blackgram	5	Seed Yield : OFT : 5.2 q/ha Farmers Practice : 4.6 q/ha	Farmers convinced with the technology due to its benefits and low cost		B: C Ratio : OFT : 1.23 FP : 1.12
9	Performance of different types of women friendly vegetable cutters	Drudgery in agricultural operations reduces productivity and cause health hazards.	Flat type of knife with ring specially designed for vegetable cutting	Vegetabls	03	The equipment is on the field for harvesting of different vegetables			

	(Ring cutter)		Source of Technology: PAU, Ludhiana						
10	Evaluation of quail in Sivasagar District	Lack of egg and meat containing low level of cholesterol in district	Productive and reproductive performance	Poultry	10	The average body weight at 2, 4 ,6 and 8 week of age were 35, 72, 120 g and 155 gm respectively The average age at first egg 48 days The average egg weight was 15 gm	Farmers are satisfied with the performance and diseases incidence also less and not facing any problem in management		1.10
11	Rearing of H 75 D 25 newly released Pig variety under agro climatic condition of Sivasagar District	Difficulty in management of exotic breed under backyard system	Productive and reproductive performance under semi intensive system	Pig	3	The average body weight at 3,4 and 5 months of age were 10.50, 18.75 and 27.25 Kg respectively	Farmers are satisfied with the performance and diseases incidence also less and not facing any problem in management		1.20
12	Rearing of Turkey bird as	Less variation in meat quality /	Productive and reproductiv	Poultry	10	The average body weight at 1, 3 and 5 months of age were 0.90, 3.25 and 7.50 Kg respectively	Farmers are satisfied		1.15

	backyard system	palatability	e performanc e under backyard system			The average age at first egg 215 days The average egg weight was 65 gm	with the performan ce and diseases incidence also less and easy to manage		
13	Improvem ent of local goat through crossbreed ing of Beetal buck	No availability of improved goat breed	Productive and reproductiv e performanc e of crossbred goat	Goat	2	Average Nos of mating per months in two respective villages were 4-5 and these local doe were in pregnant stage	Farmers are satisfied		

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 2017-18

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	Shraboni	Demonstration of paddy variety Shraboni in double crop growing area of Sivasagar District	7	33	10
2	Toria	Popularization of toria variety JT-90-1 under late sown condition in rice fallow area	4	20	5
3	Toria	CFLD on toria var. TS-67	15	120	50

**** 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					
	Cereals													
1	Rice	Crop production	Paddy variety Ranjit Sub - 1	Kharif, 2017	3	3	1	9	10	nil	Rainfed			
2	Rice	Crop production	Paddy variety Bahadur Sub-1	Kharif, 2017	3	3	-	16	16	nil	Rainfed			
3	Rice	Crop production	Paddy variety Shraboni	Kharif, 2017	3	3	-	16	16	nil	Rainfed			

4	Paddy	INM	Application of organic manure @ 1 ton/ha and mixed inoculum of Azospirillum amaonense and Bacillus megaterium as PSB @ 4 kg/ha, Rock Phosphate @ 10 P2O5 kg/ha alongwith MOP @ 40 kg/ha	Kharif, 2017	2.0	2.0	0	4	4	NA	Rainfed	326.11	59.08	270.15
	Oilseeds													
5	Toria	Seed production	Toria variety Jeuti	Rabi,2017	3	3	-	6	6	nil	Rainfed			
6	Linseed	Varietal trial	Linseed variety Shekhar	Rabi,2017	3	3	-	4	4	nil	Rainfed			
7	Sesamum (NMOOP)	Varietal trial	Sesamum variety Koliabor Local	Kharif, 2017	10	10	-	25	25	nil	Rainfed			
8	Toria (NMOOP)	Varietal trial	Toria variety TS-67	Rabi,2017	50	50	18	94	112	nil	Rainfed			
	Pulses													
9	Blackgram (NFSM)	Varietal	Blackgram variety PU-	Kharif,	10	10	1	14	25	nil	Rainf			

		trial	31	2017			1				ed			
10	Greengram (NFSM)	Varietal trial	Grengram variety SGC-20	Kharif, 2017	10	10	-	25	25	nil	Rainfed			
11	Lentil (NFSM)	Varietal trial	Lentil variety Moitree	Rabi,2017	10	10	-	25	25	nil	Rainfed			
12	Papaya	Fruit Production	Demonstration of papaya var. Red Lady and Sapna	Rabi, 2017, perennial	0.1	0.1	2	0	2		Rainfed	326.11	59.08	270.15
13	Blackpepper	Spice production	Scientific Cultivation of Black pepper in Arecanut orchard	Kharif, 2016, perennial	1	0.5	-	3	3		Rainfed	275.97	44.67	40.19
14	Appleber/Thailandber	Fruit production	Popularization of appleber/thailandber in sivasagar district	Round the year	0.1	0.1	0	2	2	Nil	Rainfed	-	-	-
15	Vegetables	Nutrition gardening	Nutrition gardening for nutritional Security (Year round vegetable production)	Round the year	0.02	0.02	0	8	8	-	Rainfed	-	-	-

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	Rice	Crop production	3	39.0	32.4	16.92	42.40	35.65	Nil	Nil	32925	50700	17775	1.54	32925	42120	9195	1.28
2	Rice	Crop production	3	42.5	35.65	16.11	43.6	41.35	Nil	Nil	32925	55250	22325	1.68	32925	46345	13420	1.41
3	Rice	Crop production	3	41.0	38.9	5.12	41.75	40.25	Nil	Nil	32925	53300	20375	1.62	32925	50570	17645	1.54
4	Rice	INM	3	42.42	40.98	3.51	43.11	40.33	nil	nil	31458	52535	21077	1.67	32925	53009	20084	1.61
5	Toria	Seed production	3	6.56	Nil	-	6.85	6.27	Nil	Nil	23964	26240	2276	1.09	nil	nil	nil	nil
6	Linseed	Varietal trial	3	7.5	Nil	-	8.45	6.60	Nil	nil	22980	75000	52020	3.26	nil	nil	nil	nil
7	Sesamum (NMOOP)	Varietal	10	7.8	NIL	--	8.9	6.9	Nil	Nil	23032	79612	56580	3.39	nil	nil	nil	nil

		trial															
8	Toria (NMOOP)	Varietal trial	50	11.2	6.8	39.29	12.35	10.1	Nil	nil	23964	44800	20836	1.87	23964	27200	3236	1.14
9	Blackgram (NFSM)	Varietal trial	10	5.2	5.0	3.85	5.9	5.45	Nil	Nil	28360	36400	8040	1.28	28360	35000	6640	1.23
10	Greengram (NFSM)	Varietal trial	10	7.5	nil	-	7.9	7.1	Nil	Nil	28360	**52500**	24140	1.85	nil	nil	nil	nil
11	Lentil (NFSM)	Varietal trial	10	10.45	nil	-	11.65	9.25	nil	nil	29900	52250	22350	1.74	nil	nil	nil	nil
12	Papaya	Fruit Production	0.1	Failed due to mealy bug infestation														
13	Blackpepper	Spice production	0.5	Date of planting was July, 2016. Fruiting not occurred.														
14	Apple ber/Thailand ber	Fruit production	0.01	At growing stage														

*H-Highest recorded yield, L- Lowest recorded yield, ** GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio

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

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

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

Performance of FLD on Home Science

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.)				Remarks
				Demo.	Check		H*	L*	Demo	Local	GC**	GR**	NR**	BCR**	
1	Vegetables	Nutrition gardening	.02	90.25	0.20 to 0.30	-	100.5	80	Fruit borer	Fruit borer and red ant	4906.00	10630.00	5724.00	1.17	*Establishment cost is more is more for the first year which results in less BCR and also fruit plants are not in harvesting stage during the time of reporting .From the 2nd year land preparation cost and cost of perennial plants will not required . *Intake of average 500 gms of vegetables /day by the family (3-4) members in the family. The garden supplies variety of micronutrients to the family members through GLV and other vegetables. *The benrficiary earned at an average of Rs 2600.00/year from the garden

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:	7	27.11.17 6.12.18 22.01.18 22.01.18 22.01.18 6.2.18 3.2.18	228	6	234	
2	Farmers Training	5	26.09.17 26.09.17 19.09.17 19.09.17 19.01.18	141	22	163	
3	Media coverage	2					
4	Training for extension functionaries						
5	Any other (Pl. specify) a. Method Demonstration on line transplanting	4	10.06.17 11.7.17 17.07.17 21.07.17	47	0	47	
	Total			**416**	**28**	**444**	

e. Details of FLD on Enterprises

(i) Farm Implements

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

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

(ii) Livestock Enterprises

Sl. No.	Enterprise/ Category (e.g., Dairy, Poultry etc.)	Thematic area	Name of Technology	No. of farmers	No. of units	No. of animals, poultry birds etc.	Major Performance parameters / indicators		% change in the parameter	Other parameters (if any)		Econ. of demo. (Rs./Ha.)				Econ. of check (Rs./Ha.)				Remarks
							Demo	Check		Demo	Check	GC**	GR**	NR**	BCR**	GC	GR	NR	BCR	
1	Duck	Egg and meat production	Rearing of Khaki champbell duck	10	10	100	Average body weight at 1 and 2 months were 325 g,	Average body weight at 1 and 2 months were 350g												

							and 600 gm respectively	and 650 gm respectively											
	Duck	Meat production	Rearing of broiler duck	10	10	100	Average body weight at 1 and 2 months were 900g, and 1.85 Kg, respectively	Average body weight at 1 and 2 months were 350g and 650 gm respectively											
	Poultry	Egg and Meat Production	Rearing of improved dual type poultry Vanaraja in Sivasagar district	20	10	200	Average body weight at 1, 3 and 5 months were 550g, 1.45 Kg, and	Average body weight at 1, 3 and 5 months were 275g, 550 gm and											

			under backy ard syste m				2.25 Kg respe ctivel y . age at first egg was 185 days . Egg Produ ction in six mont hs was 80 nos. Avera ge egg weigh t was 55 gm	900 gm respe ctivel y . age at first egg was 190 days . The annu al egg Produ ction was 75 nos. Avera ge egg weigh t was 48 gm,											

**** 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	Thematic area	Name of Technology	No. of farmers	No. of units	No. of fish/ fingerlings	Major Performance parameters / indicators		% change in the parameter	Other parameters (if any)		Econ. of demo. (Rs./Ha.)				Econ. of check (Rs./Ha.)				Remarks
							Demo	Check		Demo	Check	GC**	GR**	NR**	BCR**	GC	GR	NR	BCR	

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

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

(iv) Other enterprises

Sl. No.	Category/ Enterprise,	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	

*** 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

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

f. Performance of FLD on Crop Hybrids

Sl. No.	Crop	Name of hybrids	Area (ha.)	No. of farmers	Avg. yield (Q/ha.)		% increase in Avg. yield	Additional data on demo. yield (Q/ha.)		Econ. of demo. (Rs./Ha.)				Econ. of check (Rs./Ha.)			
					Demo.	Check		H*	L*	GC**	GR**	NR**	BCR**	GC	GR	NR	BCR

**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. 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						Grand Total (x + y)
				Male		Female		Total		Male		Female		Total		Male		Female		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)	
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 standardization																					
Protective cultivation (Green Houses, Shade Net etc.)																					
b) Fruits																					
Training and Pruning																					
Layout and Management of Orchards																					
Cultivation of Fruit																					
Management of young																					

plants/orchards																					
Rejuvenation of old orchards																					
Export potential fruits																					
Micro irrigation systems of orchards																					
Plant propagation techniques																					
c) Ornamental Plants																					
Nursery Management																					
Management of potted plants																					
Export potential of ornamental plants																					
Propagation techniques of Ornamental Plants																					
d) Plantation crops																					
Production and Management technology																					
Processing and value addition																					
e) Tuber crops																					
Production and Management technology																					

Processing and value addition																					
f) Spices																					
Production and Management technology																					
Processing and value addition																					
g) Medicinal and Aromatic Plants																					
Nursery management																					
Production and management technology																					
Post harvest technology and value addition																					
III Soil Health and Fertility Management																					
Soil fertility management																					
Soil and Water Conservation																					
Integrated Nutrient Management																					
Production and use of organic inputs																					
Management of Problematic soils																					
Micro nutrient deficiency in crops																					
Nutrient Use																					

Efficiency																						
Soil and Water Testing																						
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 HarvestTechnology																						
VII Plant Protection																						
Integrated Pest Management																						
Integrated Disease Management																						
Bio-control of pests and diseases																						
Production of bio control agents and bio pesticides																						
VIII Fisheries																						
Integrated fish farming																						
Carp breeding and hatchery management																						
Carp fry and fingerling rearing																						
Composite fish																						

culture																						
Hatchery management and culture of freshwater prawn																						
Breeding and culture of ornamental fishes																						
Portable plastic carp hatchery																						
Pen culture of fish and prawn																						
Shrimp farming																						
Edible oyster farming																						
Pearl culture																						
Fish processing and value addition																						
IX Production of Inputs at site																						
Seed Production																						
Planting material production																						
Bio-agents production																						
Bio-pesticides production																						
Bio-fertilizer production																						
Vermi-compost production																						

Organic manures production																					
Production of fry and fingerlings																					
Production of Bee-colonies and wax sheets																					
Small tools and implements																					
Production of livestock feed and fodder																					
Production of Fish feed																					
X Capacity Building and Group Dynamics																					
Leadership development																					
Group dynamics																					
Formation and Management of SHGs																					
Mobilization of social capital																					
Entrepreneurial development of farmers/youths																					
WTO and IPR issues																					
XI Agro-forestry																					
Production technologies																					

Nursery management																					
Integrated Farming Systems																					
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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 Diversification																						
Integrated Farming																						
Water management																						
Seed	5	-	5	93	0	38	0	131	0	23	0	6	0	29	0	116	0	44	0	160	0	160

production																						
Nursery management																						
Integrated Crop Management																						
Fodder production	3	-	3	24	0	54	0	78	0	0	0	0	0	0	0	24	0	54	0	78	0	78
Production of organic inputs	1	0	1	11	0	21	0	32	0	0	0	0	0	0	0	11	0	21	0	32	0	32
II. Horticulture																						
a) Vegetable Crops																						
Production of low volume and high value crops																						
Production technology of cucurbits																						
Establishment and management of nutritional garden																						
Off-season vegetables																						
Nursery raising																						
Exotic vegetables like Broccoli																						

Export potential vegetables																					
Grading and standardization																					
Protective cultivation (Green Houses, Shade Net etc.)																					
b) Fruits																					
Training and Pruning																					
Layout and Management of Orchards																					
Cultivation of Fruit																					
Management of young plants/orchards																					
Rejuvenation of old orchards																					
Export potential fruits																					
Micro irrigation systems of orchards																					
Plant propagation techniques																					
c) Ornamental Plants																					
Nursery Management																					

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

Production and management technology																					
Post harvest technology and value addition																					
III Soil Health and Fertility Management																					
Soil fertility management	1	0	1	10	0	18	0	28	0	0	0	0	0	0	0	10	0	18	0	28	0	28
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	1	0	1	17	0	10	0	27	0	0	0	0	0	0	0	17	0	10	0	27	0	27
IV Livestock Production and Management																					
Dairy Management																					
Goatery Manegement	1	0	1	0	0	34	0	34	0	0	0	0	0	0	0	0	0	34	0	34	0	34
Poultry Management	1	1	2	20	0	38	0	58	0	0	0	0	0	0	0	20	0	38	0	58	0	58

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	1	0	1	0	0	29	0	29	0	0	0	0	0	0	0	0	0	29	0	29	0	29
Location specific drudgery reduction technologies																						
Rural Crafts																						
Women and child care																						
VI Agril. Engineering																						
Installation and maintenance of micro irrigation systems																						
Use of Plastics in farming practices																						
Production of small tools and implements																						
Repair and maintenance of farm machinery and																						

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

freshwater prawn																					
Breeding and culture of ornamental fishes																					
Portable plastic carp hatchery																					
Pen culture of fish and prawn																					
Shrimp farming																					
Edible oyster farming																					
Pearl culture																					
Fish processing and value addition																					
IX Production of Inputs at site																					
Seed Production																					
Planting material production																					
Bio-agents production																					
Bio-pesticides production																					
Bio-fertilizer production																					
Vermi-compost production																					
Organic manures																					

production																					
Production of fry and fingerlings																					
Production of Bee-colonies and wax sheets																					
Small tools and implements																					
Production of livestock feed and fodder																					
Production of Fish feed																					
X Capacity Building and Group Dynamics																					
Leadership development																					
Group dynamics																					
Formation and Management of SHGs																					
Mobilization of social capital																					
Entrepreneurial development of farmers/youths																					
WTO and IPR issues																					
XI Agro-forestry																					
Production technologies																					

Nursery management																					
Integrated Farming Systems																					
TOTAL	14	1	15	175	0	242	0	417	0	23	0	6	0	29	0	198	0	248	0	446	0	446

(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																						
Soil Fertility Management																						
TOTAL																						

3.3.4. Achievements on Training of <u>Rural Youth</u> in <u>Off Campus</u> including <u>Sponsored Off Campus</u> 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																						
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	1	0	1	14	0	20	0	34	0	0	0	0	0	0	0	14	0	20	0	34	0	34
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	1	0	1	14	0	20	0	34	0	0	0	0	0	0	0	14	0	20	0	34	0	34
C. Extension Personnel																						
3.3.5. Achievements on Training of <u>Extension Personnel</u> in <u>On Campus</u> including <u>Sponsored On Campus</u> 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)**	
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
				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 *	
Productivity enhancement in field crops	2	0	2	37	0	0	0	37	0	0	0	1	0	1	0	37	0	1	0	38	0	38
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																					
Integrated farming system	2	0	2	36	0	0	0	36	0	14	0	0	0	14	0	50	0	0	0	50	0	50
Livestock feed and fodder production																					
Household food security	1	0	1	25	0	10	0	35	0	0	0	0	0	0	0	25	0	10	0	35	0	35
Women and Child care																					
Low cost and nutrient efficient diet designing																					
Production and use of organic inputs																					
Gender mainstreaming through SHGs																					
TOTAL	5	0	5	98		10		108		14		1		15		112		11		123		123

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

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
Agronomy															
	Seed production	Quality seed production of major cereal crops with special emphasis on seed certification procedure	16.05.2017	1	DAO, Nazira	EF	13	0	13	0	1	1	13	1	14
	Seed production	Quality seed production of major cereal crops with special emphasis on seed certification procedure	17.05.2017	1	DAO, Sivasagar	EF	24	0	24	0	0	0	24	0	24
	Seed production	Scientific cultivation of sesamum	19.09.17	1	Mathurapur	Farmer and farm women	15	17	32	0	0	0	15	17	32
	Seed production	Scientific cultivation of sesamum	19.09.17	1	Baputigarh	Farmer and farm women	15	7	22	3	0	3	18	7	25

	Seed production	Scientific cultivation of blackgram	26.09.17	1	Khalih amari	Farmer and farm women	22	4	26	0	0	0	22	4	26
	Seed production	Scientific cultivation of greengram	26.09.17	1	Garuk huti	Farmer and farm women	25	3	28	0	0	0	25	3	28
	Fodder production	Technique of raising fodder nursery with special emphasis on seed/ slip production to shot up the cattle and goat farming	24,25,26, 27 and 28th January, 2018	5	Phulp anichi ga	Farmer and farm women	10	23	33	0	0	0	10	23	33
	Seed production	Production technology of oilseed crop with special reference to seed certification, processing and storage	19.01.20 18	1	Goton ga	Farmer and farm women	16	7	23	23	6	29	39	13	52
	Fodder production	Technique of raising fodder nursery with special emphasis on seed/ slip production to shot up the cattle and goat farming	1,2,3,4,5th Feb, 18	5 days	Jamug uri	Farmer and farm women	14	9	23	0	0	0	14	9	23
	Fodder production	Technique of raising fodder nursery with special emphasis on seed/ slip production to shot up the cattle and goat farming	8,9,10,12 ,13 th Feb , 18	5 days	Gharf alia	Farmer and farm women	2	20	22	0	0	0	2	20	22
Soil Science	Fertility managem ent	Principles of fertilizer application and increasing its efficiency	3-4th August, 18	2 days	Gharf alia	Farmer & Farm women	10	18	28	-	-	-	10	18	28
	Nutrient managem ent	Soil testing and its importance	28.8.18	1 day	Mora ngaon	Farmer & Farm women	17	10	27	-	-	-	17	10	27

	Organic farming	Production and use of organic inputs	27.01.2018	1	Dowarichiga	Farmer & Farm women	11	21	32	0	0	0	11	21	32
Animal Sc															
	Poultry	Backyard poultry farming	10-14 July, 2017	5	Lakuwa	Farmer and farm women	25	0	25	0	0	0	25	0	25
	Goatery	Care and Management of Goat	14,16,17, 20,21 Oct, 2017	5 days	Hanhchara chetiagaon	Farmer & Farm women	0	34	34	0	0	0	0	34	34
	IFS	Livestock based integrated farming system	13.11,2017	1	DAHVO, Sivasagar	EF	20	0	20	5	0	5	25	0	25
	IFS	Livestock based integrated farming system	14.11.2017	2	DAHVO, Sivasagar	EF	16	0	16	9	0	9	25	0	25
	Dairy management	Care and management of milch cattle and buffalo	5,6,7,8,9th Feb, 2018	5 days	Mechagarh	RY	14	20	34	0	0	0	14	20	34
	Poultry	Backyard poultry farming	26, 27,28,29, 30 March, 2018	5 days	Phulpanichiga	Farmer & Farm women	20	13	33	0	0	0	20	13	23
Home Science	Nutrition gardening	Nutritional security of children by establishing nutrition garden at school premises	10.02.18	1	Khanakukura high school	EF	25	10	35	0	0	0	25	10	35
Agril. Economics	SHGs	Income generating activities for empowerment of women SHGs	12,14,16, 19,20,26 March, 18	6 days	Jamuguri	Farmer & Farm women	-	29	29	-	-	-	-	29	29

(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
					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	
Vegetables	24 /03/18 to 31/03/18	07	Value addition through processing and preservation	Vocational Training on Value addition of vegetables and mushroom for entrpreneureship development	0	18	18	0	2	2	0	20	20					Remarks It was conducted on last week of March 2018
Animal Husbandry	24, 26, 27,28,29, 30 and 31st March, 2018	7	Piggery Management	Commercial pig farming venture for SHG	37	0	37	26	0	26	63	0	63	-	-	-	-	No

*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		
Off	F/FW	10-14 July, 2017	5	Animal Science	Poultry management	Backyard poultry farming	25	0	25	0	0	0	25	0	25	Tai Ahom Mahila Parisad	
Total							25	0	25	0	0	0	25	0	25		

3.4. Extension Activities (including activities of FLD programmes) (Please mention specific Extension Activity conducted by the KVK such as Field Day, KisanMela, Exhibition, Diagnostic Visit, etc) during 2017-18

Sl. No.	Extension Activity	Topic	Date and duration	No. of activities	Participants											
					General (1)			SC/ST (2)			Extension Officials (3)			Grand Total (1+2)		
					M	F	T	M	F	T	M	F	T	M	F	T
1	Advisory services	Telephonic, mobile etc	2017-18	81												44495
2	Diagnostic visit	Agricultural and veterinary technology, plant protection,		147												

		animal health care														
3	Field day	Nutrition gardening for nutritional security	03.02.18 and 06.02.18	2	12	32	44	0	0	0	0	0	0	12	32	44
		FLD on Medium duration Rice var, Shraboni	27.11.17	1	23	27	50	0	0	0	0	0	0	23	27	50
		FLD on Submergence tolarent rice var. Ranjit Sub-1	06.12.17	1	44	16	60	0	0	0	0	0	0	44	16	60
		CFLD on Blackgram	22.01.18	1	10	9	19	4	2	6	0	0	0	14	11	25
		CFLD on greengram	22.01.18	1	12	14	26	0	0	0	0	0	0	12	14	26
		CFLD on Sesamum	22.01.18	1	27	27	54	0	0	0	0	0	0	27	27	54
4	Group Discussion	Thrust areas for Home Science activities at adopted village (Phulpaanisiga)	12/03/2018	1	0	14	14	0	0	0	0	0	0	0	14	14
5	Kishan Mela		24.08.2017, 07.11.2017, 21.02.18	3	133	105	238	245	188	433	10	02	12	388	295	683
6	Film show	Vermicomposting and Mushroom production		8												641
		Agriculture based income	04.05.2018 and	1	10	31	41	0	0	0	0	0	0	10	31	41

		generating activities	05.05.2018													
7	Exhibition	Exhibition cum sale of vocational training product	31/03/2018	1	12	45	57	0	4	4	3	0	3	15	49	64
8	Scientists visit to farmers fields		Once a week	52	301	90	391	170	36	206	7	0	7	478	126	604
9	Ex-trainee Sammelan	Sharing experiences exploring possibilities	01.01.18	1	17	16	33	0	0	0	0	0	0	17	16	33
10	Method demonstration	Line transplanting in paddy	10.06.17	1	04	05	09	0	0	0	0	0	0	04	05	09
		Use of biofertilizer in Paddy	11.07.17	1	09	03	12	0	0	0	0	0	0	09	03	12
		Line transplanting in paddy	11.07.17	1	09	03	12	0	0	0	0	0	0	09	03	12
		Line transplanting in paddy	17.07.17	1	06	07	13	0	0	0	0	0	0	06	07	13
		Line transplanting in paddy	20.07.17	1	07	03	10	0	0	0	0	0	0	07	03	10
		Line transplanting of paddy and biofertilizer application	21.07.17	1	08	05	13	0	0	0	0	0	0	08	05	13
		Biofertilizer application in winter paddy and line transplanting	22.07.17	1	10	02	12	0	0	0	0	0	0	10	02	12

		in paddy														
		Mushroom production	27.01.17	1	04	26	30	0	0	0	0	0	0	04	26	30
		Mushroom production	03.02.18	1	05	09	14	0	0	0	0	0	0	05	09	14
		Mushroom production	13.02.18	1	03	13	16	0	0	0	0	0	0	03	13	16
		Mushroom production	27.02.18	1	02	05	07	0	0	0	0	0	0	02	05	07
		Mushroom production	06.03.18	1	07	08	15	0	0	0	0	0	0	07	08	15
11	Celebration of important days	World earth day	22.04.17	1	08	20	28	0	0	0	0	0	0	08	20	28
		World Environment Day	05.06.17	1	104	110	114	05	13	04	03	0	03	112	123	235
		World Honey bee day	19.08.17	1	13	23	36	0	0	0	01	0	01	14	23	37
		Swacchhta hi sewa	02.10.17	1	07	15	22	0	0	0	0	0	0	07	15	22
		Mahila Kissan Divas	15.10.17	1	0	33	33	0	0	0	01	1	02	01	34	35
		World Food day	16.10.17	1	26	04	30	0	0	0	0	0	0	26	04	30
		Agricultural Education day	03.12.17	1	09	47	56	02	01	03	0	0	0	11	48	59
		World soil day	05.12.17	1	210	152	362	16	0	16	09	01	10	235	153	388
		National Science Day	28.02.18	1	15	02	17	0	01	01	0	0	0	15	03	18
12	Exposure visits	Exposure visit to RARS, Titabar	07.11.17	1	33	02	35	0	0	0	0	0	0	33	02	35
		Exposure visit to AAU, Jorhat for attending Agricultural Technology and farm machinery mela	21.02.18	1	39	0	39	01	0	01	0	0	0	40	0	40

13	Popular articles	1.Management of army worm infestation in Sali paddy 2. alternative crop production in flood affected areas	22.08.17, 24.10.17	2												
14	Soil health camp			1	-	-	-	-	-	-	-	-	-	-	-	09
15	Awareness camp	Parthenium awareness week	19.08.17	1	13	23	36	0	0	0	01	0	01	14	23	37
		PPVFRA	17.03.18	1	242	173	415	07	02	09	05	04	09	254	179	433
		Awareness camp on motivating villagers (Flood affected areas) to adopt alternate means for income generation	22/03/2018 1 day	1	44	12	56	0	0	0	0	0	0	44	12	56
16	Lecture delivered as resource person	Current trends in Agriculture in context with agricultural entrepreneurship development	04.05.17	1	29	03	32	0	0	0	0	0	0	29	03	32
		Creation of need based infrastructure for development of agriculture and allied activities by taking up of selected schemes under agriculture department	04.05.17	1	29	03	32	0	0	0	0	0	0	29	03	32

		Commercial aspect through organic cultivation of high value vegetable and its impact on economic upliftment of farmers community	04.05.17	1	29	03	32	0	0	0	0	0	0	29	03	32
		High yielding varieties of 1paddy for kharif season and boro season	06.05.17	1	33	03	36	0	0	0	0	0	0	33	03	36
		IPM in paddy and horticulture crops	06.05.17	1	33	03	36	0	0	0	0	0	0	33	03	36
		Scientific cultivation techniques of kharif rice	30.05.17	1	19	10	29	02	0	02	0	0	0	21	10	31
		Group mobilisation on thiland beer/apple ber cultivation	21.06.17	1	14	09	23	0	0	0	02	0	02	16	09	25
		Skil development training on dairy and vermicompost	08.09.17	1	13	01	14	01	0	01	0	0	0	14	01	15
		Skil development training on dairy and vermicompost	09.09.17	1	15	02	17	0	0	0	0	0	0	15	02	17

		Skil development training on dairy and vermicompost	10.09.17	1	13	02	15	0	01	01	0	0	0	13	03	16
		INM in black rice	03.08.27	1	30	02	32	0	0	0	02	0	02	32	02	34
		Mushroom cultivation	19.09.17	1	19	01	20	02	0	02	01	0	01	22	01	23
		Vermicompost production	11.10.17	1	06	19	25	0	01	01	0	0	0	06	20	26
		Vermicompost production	29.01.2018	1	0	33	33	0	0	0	0	0	0	0	33	33
		Mushroom cultivation	29.01.18	1	1	45	46	0	0	0	0	0	0	1	45	46
		Entrepreneurship development through agriculture	29.01.18	1	3	13	16	0	0	0	0	0	0	3	13	16
		Organic farming and production of organic inputs	30.01.18	1	12	13	25	0	0	0	01	0	01	13	13	26
17	Soil Health Card distribution															346
18	Farmers visit to KVK				429	48	477	13	02	15	15	02	17	457	53	510
19	Others	Webcasting of Hon'l prime ministers lecture	17.03.18	1	242	173	415	07	02	09	05	04	09	254	179	433
	Grand Total			799	4340	1767	6057	1110	260	1370	90	9	97	5461	2318	14926

3.5 Production and supply of Technological products during 2017-18

A. SEED MATERIALS

Major group/class	Crop	Variety	Quantity (qt)	Value (Rs.)	Number of recipient/ beneficiaries		
					General	SC/ST	Total
CEREALS	Paddy	Shraboni	11.89	Sale process going on	10	5	15
OILSEEDS	Toria	TS-67	3.84	Ready for sale			
	Sesamum	Kaliabor Local	0.38				
PULSES	Greengram	IPM-2-3	0.33				
VEGETABLES	King Chilli		8.9 kg	1780.00	4	3	7
FLOWER CROPS							
OTHERS (Specify)	Banana	Dwarf cavandis	185.6 kg	4640.00	15	8	23

A1. SUMMARY of Production and supply of Seed Materials during 2017-18

Sl. No.	Major group/class	Quantity (Q.)	Value (Rs.)	Number of recipient/ beneficiaries		
				General	SC/ST	Total
1	CEREALS	11.89	Sale process going on	10	5	15
2	OILSEEDS	3.84	Ready for sale			
		0.38				
3	PULSES	0.33				
4	VEGETABLES	8.9 kg	1780.00	4	3	7
5	FLOWER CROPS					
6	OTHERS	185.6 kg	4640.00	15	8	23
TOTAL		**18.385**	**6420.00**			

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

Major group/class	Crop	Variety	Numbers	Value (Rs.)	Number of recipient beneficiaries		
					General	SC/ST	Total
Fruits	Coconut	Kamrupa	64 nos.	10880.00	35	15	50
Spices	Black pepper	Panniyur	72 nos.	1000.00	13	4	17
Ornamental Plants							
VEGETABLES							
Forest Spp.							
Plantation crops							
Medicinal plants							
OTHERS (Pl. Specify)							

B1. SUMMARY of Production and supply of Planting Materials (In Lakh) during 2017-18

Sl. No.	Major group/class	Numbers (In Lakh)	Value (Rs.)	Number of recipient beneficiaries		
				General	SC/ST	Total
1	Fruits	64 nos.	10880.00	35	15	50
2	Spices	72 nos.	1000.00	13	4	17
3	Ornamental Plants					
4	VEGETABLES					
5	Forest Spp.					
6	Medicinal plants					
7	Plantation crops					
8	OTHERS (Specify)					
TOTAL		136	11880.00	48	19	67

C. Production of Bio-Products during 2017-18

Major group/class	Product Name	Species	Quantity		Value (Rs.)	Number of Recipient /beneficiaries		
			No	(qt)		General	SC/ST	Total
BIOAGENTS								
BIOFERTILIZERS								
BIO PESTICIDES								

C1. SUMMARY of production of bio-products during 2017-18

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

D. Production of livestock during 2017-18

Sl. No.	Type of livestock	Breed	Quantity		Value (Rs.)	Number of Recipient beneficiaries		
			(Nos)	Kgs		General	SC/ST	Total
1	Cattle/ Dairy							
2	Goat	Beetal	6					
3	Piggery (Piglets)	T & D Cross	18					
4	Poultry (Egg)	BV-300 Kamrupa Vanaraja Khaki Campbell	938		5898.00	21	25	46

5	Fisheries							
6	Others (Specify)							

D1. SUMMARY of production of livestock during 2017-18

Sl. No.	Livestock category	Breed	Quantity		Value (Rs.)	Number of Recipient beneficiaries		Total number of Recipient beneficiaries
			Nos	(kg)		General	SC/ST	
1	CATTLE							
2	SHEEP & GOAT	Beetel	6					
3	POULTRY (Egg)	BV-300 Kamrupa Vanaraja Khaki Campbell	938		5898.00	**21**	**25**	**46**
4.	PIGGERY (Piglets)	T&D	18					
5	FISHERIES							
6	OTHERS (Pl. specify)							
	TOTAL		**962**					

3.6. Literature Developed/Published (with full title, author & reference) during 2017-18

(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			
1.			
2.			
3.			
Training manuals			
Technical Report			

1.	Annual Report		
2.	Annual Action Plan		
3.			
Book/ Book Chapter			
Popular articles	1.Management of army worm infestation in Sali paddy, *Doinik Jnambhumi*, 22nd August, 2017	Rupjyoti Borah, Priyonka Dutta	Mass Circulation
	2. alternative crop production in flood affected areas, *Doinik Jnambhumi*, 24th October, 2017	Priyonka Dutta , Rupjyoti Borah	
Technical bulletins			
Extension bulletins			
Newsletter			
Conference/ workshop proceedings			
Leaflets/folders			
e-publications			
Any other (Pl. specify)			
TOTAL	**2**		

N.B. Please enclose a copy of each. In case of literature prepared in local language, please indicate thetitle 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)

Story of a successful Fish seed producer

Mr. Tazkirul Alom, an youth from saraideu area of saraideu district under the operating area of Krishi Vigyn Kendra, Sivasagar had became an successful entrepreneur on his own interest, hardwork and guidance of KVK. Mr. Alom started a fishery unit during 1988 with the investment of Rs.85 only. He was earning a meagre amount by selling fish, wanted to expand his fishery but due to lack of knowledge and guidance unable to succeed in his area. During 2012-13 Mr. Alom came to the contact of KVK Scientists and was very happy to learn the scientific fish production methods.






KVK Scientists guided him in every sphere and now Mr. Alom is an owner of an Eco-hatchery, a broiler farm, Kuchia production unit and a goatery unit. Presently he is rearing 2000broiler birds, 30 no. Of local and beetal cross bred goat, 15 no. Of fish ponds and a fish seed producing unit. His Eco-hatchery has three branches at Tinsukia, Moran and Sapekhati. Mr. Alom is annually earning a profit of Rs. 2lakhs by selling spawn, 5lakhs by selling carried over seed of fish, 4 lakhs from table fish production, Rs. 1 lakh from kuchia production unit, Rs. 1 lakh from goatery unit, Rs. 1 lakh from broiler unit etc. He is giving year round employment to 20 other youths in his farm along with seasonal employment to some other workers. Mr. Alom is also trying to produce pearl in his farm, investing a large amount in this area from last two to three years, but due to lack of guidance he is unable to succeed.

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

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

- Identification of courses for farmers/farm women

  Focussed Group Discussion, PRA exercise, Farmers' demand,

- Rural Youth

- Extension personnel

3.11 Field activities

i. Number of villages adopted : 4

ii. No. of farm families selected :

iii. No. of survey/PRA conducted : 1

3.12. Activities of Soil and Water Testing

Status of establishment of Lab : Not yet established

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

Sl. No	Name of the Equipment			Qty.	Cost
	S&WT lab	Mini lab/ Mridaparikshak	Manufacturer		
1					
Total					

3. Details of samples analyzed (2017-18) :

Details	No. of Samples analysed	No. of Farmers	No. of Villages	Amount (In Rupees) realized
Soil Samples	41	346	12	
Water Samples				
Plant Samples				

Petiole Samples				
Total				

4. Details of Soil Health Cards (SHCs) (2017-18)

a. No. of SHCs prepared : 346
b. No. of farmers to whom SHCs were distributed : 346
c. Name of the Major and Minor nutrients analysed : NPK, S, Fe, Zn, B, Org C, pH
d. No. of villages covered : 12

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

Message type	Crop		Livestock		Weather		Marketing		Awareness		Other Ent.		Total	
	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary
Text only	11	6710	2	1355	52	25565			13	8335	3	1525	81	43490
Voice only														
Voice and Text both														
Total														

3.14 Contingency planning for 2017-18

a. Crop based Contingency planning

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

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
Flood contingency measures	-	Animal Health camp	1	• Cattle : 215 • Buffalo : 6 • Pig : 52 • Goat : 40 • Poultry : 384 • Duck : 508 • Broiler : 100	50	19	69

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)
Vermicomposting in low cost vermibeds	15	100%	2500.00	15000.00
Cultivation of Oyster Mushroom	255	85.25%	-	5000.00

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 :

5.0. LINKAGES ESTABLISHED

5.1 Functional linkage with different organizations

Name of organization	Nature of linkage
1. District Agricultural Office	Implementation of ATMA programe and selection of participants
2. District Animal Husbandry & Veterinary Office	Joint implementation of programmes
3. District Fishery Development Office	Joint implementation of programmes
4. District Sericulture Office	Joint implementation of programmes
5. District Forest Office	Joint implementation of programmes
6. District Industry and Commerce Office	Joint implementation of programmes
7. DRDA	Joint implementation of programmes
8. Banking Organization	Contribution for infrastructural development
9. KrishakNyas, SHAPE, SHINE, KBKUS, Prerona, KASS (NGO)	Conducting training programmes and demonstration
10. NABARD	Sponsored training, SHG & JLG formation and management and other extension activities.

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 2017-18

Name of the scheme	Activity	Date/ Month of initiation	Funding agency	Amount (Rs.)
PPVFRA	Awareness camp	March, 2018	PPVFRA	80000.00

5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

Sl. No.	Programme	Nature of linkage	Remarks
1	Demonstration programmes on Vegetables	Joint field visit, Monitoring	
2	Demonstration on Hybrid paddy	Training, Cefemonial sowing, joint field visit, Monitoring	
3	Upscaling of vermicompost units	Training, Demonstration, Joint field visit	
4	Capacity building programmes on production of organic inputs, protected cultivation and rabi vegetables	Training	
5	ATMA GB Meeting	Role as a Member	

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

6. PERFORMANCE OF INFRASTRUCTURE IN KVK DURING 2017-18

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	Piggery			T&D	Piglets	18nos.			
2	Goatery			Beetel	Kids	6nos.			
3	Vermicompost				Vermicompost	21q			
4	Poultry			BV-300, Kamrupa, Vanaraja, K.Champbell	Table Eggs	938nos.		Rs.5898.00	

6.2 Performance of instructional farm (Crops) including seed production

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Cereals									
Rice				Shraboni (TTB-404)	F.Seed	11.89q		Sale process going on	
Wheat									
Maize									
Any other									
Pulses									
Green gram				IPM-2-3	T.L.Seed	0.33q		Ready for sale	
Black gram									
Arhar									
Lentil									
Any other									
Oilseeds									
Toria				TS-67	F.Seed	3.84q		Ready for sale	
Sesamum				Kaliabor local	T.L.Seed	0.38q		Ready for sale	
Spices & Plantation crops									
i. Blackpepper & A.Lemon				Cuttings		72nos.		Rs.1000.00	
ii. Coconut seedligs				Kamrupa		64nos		Rs.10,880.00	
Floriculture									
i.									
ii.									

Fruits									
i.				Banana fruits		185.6kg		Rs.4640.00	
ii.				King chilli		8.9kg		Rs.1780.00	
Vegetables									
i.									
ii.									
a. Others (specify)									
i.									
ii.									

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

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1	Vermicompost	21quintal		Used in farm	

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.	Piglets	T&D Cross breed	Piglets	18nos.		Ready for sale	
2.	Eggs	Kamrupa, Vanaraja, BV-300,K.Champbell	Table eggs	938nos.		Rs.5898.00	
3.	Goat	Beetel	Kids	6nos.			

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 2017-18

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	State Bank of India	Jorhat/ AAU	
With KVK	SBI, ADB, Gargaon	Gargaon	11671477783
Revolving Fund	SBI, ADB, Gargaon	Gargaon	30709339138

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 during the year 2017-18

Sl. No.	Particulars	Sanctioned (in Lakh)	Released (in Lakh)	Expenditure (in Lakh)
A. Recurring Contingencies				
1	**Pay & Allowances**	110.00		10530174.00
2	**Traveling allowances**	2.00		197554.00
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	16.00		1411882.00
B	POL, repair of vehicles, tractor and equipments			
C	Meals/refreshment for trainees			
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)			
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			
G	Training of extension functionaries			
H	Maintenance of buildings			
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			
TOTAL (A)				
B. Non-Recurring Contingencies				
1	**Works**			
2	**Equipments including SWTL & Furniture**			
3	**Vehicle** (Four wheeler/Two wheeler, please specify)			
4	**Library** (Purchase of assets like books & journals)			
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

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 2015 to March 2016	177169.00	199655.00	260349.00	116475.00
April 2016 to March 2017	116475.00	277067.00	188381.00	205161.00
April 2017 to March 2018	205161.00		163857.50	

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

- Requirement of one more vehicle to meet the ever increasing responsibilities of the KVK Scientists
- Helping hand in soil analysis and SHG preparation is a necessity

(b) Financial

- Delay in release of first half of the budget creates difficulty in undertaking the kharif programmes

(c) Technical

- High speed net connectivity and lack of sufficient number of computers

(Signature)
Sr. Scientist cum Head

Pl. Take maximum care while filling up the annual report format as per instructions so that no column is left blank. Pl. note that any incomplete individual KVK report shall not be considered and will be returned.