ANNUAL REPORT, 2015-16

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, Chirang, P.O. Kajalgaon, Dist.: Chirang, BTAD PIN–783 385	03664 – 294008	03664 – 294008	kvkbngn@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
Assam Agricultural University Jorhat–785 013, Assam	0376 – 2340013	0376 – 2340001	kvkaau@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Kameswar Das	–	9854071472	kameswardas@rediffmail.com

1.4. Year of sanction: 2004

1.5. Staff Position (As on 28th February, 2016)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent / Temporary	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator	Dr. Kameswar Das	Programme Coordinator	Agronomy	37,400 - 67,000	58,710	17.08.11	Permanent	General
2	Subject Matter Specialist	Dr. Hiranya Kr. Baruah	SMS	Agril. Economics	15,600 - 39,100	20,230	07.11. 08	Permanent	General
3	Subject Matter Specialist	Dr. Rajeev Bhandar Kayastha	SMS	Animal Sci	15,600 - 39,100	15,600	17.10. 15	Permanent	General
4	Subject Matter Specialist	Mr. Bikram Bhattacharya	SMS	Entomology	15,600 - 39,100	15,600	03.11. 15	Permanent	General
5	Subject matter Specialist	Mr. Kripal Borah	SMS	Soil Sci	15,600 - 39,100	15,600	26.10. 15	Permanent	OBC
6	Subject Matter Specialist	Mrs. Saptadvipa Bhattacharje e	SMS	PBG	15,600 - 39,100	15,600	19.10.2015	Permanent	General
7	Subject Matter Specialist	Ms. Mandakini Bhagawati	SMS	Horticulture	15,600 - 39,100	15,600	10.10. 15	Permanent	General

8	Programme Assistant	Mr. Sailen Talukdar	Programme Assistant	Crop Physiology	8000-35,000	12,920	21.03. 09	Permanent	SC
9	Farm Manager	Mr. Jyotish Kr. Sarma	Farm Manager	Crop Physiology	8000-35,000	9,640	09.09. 11	Permanent	General
10	Programme Assistant	Mr. Sandeep Chanda	Prog. Asst. (Comp)		8000-35,000	13,460	06.08. 15	Permanent	General
11	Office Spdt Cum Acctt	Mr. Prodeep Kr. Ray	Office Spdt Cum Acctt	-	8000-35,000	9,210	25.02. 12	Permanent	OBC
12	Steno Cum Computer Operator	Mr. Anjalu Basumatary	Steno Cum Computer Operator	-	5,200-20,200	6,010	25.02. 12	Permanent	ST
13	Driver Cum Mechanics	Mr. Lakhiram Brahma	Driver Cum Mechanics	-	5,200-20,200	5,930	20.02. 12	Permanent	ST
14	Driver Cum Mechanics	Mr. Sanju Boro	Driver Cum Mechanics	-	5,200-20,200	5,930	20.02. 12	Permanent	ST
15	Supporting Staff	Mr. Levi Murmu	Grade IV	-	4,560-15,000	7,340	16.10. 04	Permanent	OBC
16	Supporting Staff	Mr. Pulen Ch. Roy	Grade IV	-	5,200-20,200	11,240	28.11. 84	Permanent	OBC
	Total	**16**							

1.6. a. Total land with KVK (in ha) : 12.00 ha

b. Total cultivable land with KVK (in ha): 7.49 ha

c. Total cultivated land (in ha): 6.00 ha

S. No.	Item	Area (ha)
1	Under Buildings& Roads	4.00
2.	Under Demonstration Units	2.00
3.	Under Crops (Cereals, pulses, oilseeds etc.)	2.00
4.	Under vegetables	1.00
5.	Orchard/Agro-forestry	2.00
6.	Others (Medium land)	1.00

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	31.3.13	400	47,19,000.00	-	-	-
2.	Farmers Hostel	NA	NA	NA	NA	Not yet started	-	-
3.	Staff Quarters (6)	NA	NA	NA	NA	Not yet started	-	-
4.	Demonstration Units (2)	RKVY	31.03.13	102.45	4,92,000.00	-	-	-

5	Fencing	ICAR	01.01.13	406.25 mtr	14,70,000.00	-	-	-
6.	Storing unit	ICAR	25.11.2014	90.00	10,00,000.00	-	-	-

B) Vehicles

Type of vehicle	Regd. No.	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Jeep	AS03 E 0026	2006	4.90 lakh	13235 km	Good
Tractor	19B 1740	2006	3.66 lakh	849 km	Good

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs. In lakh)	Present status
Copier Machine (1 No.)	2006-07	0.54	Good
Digital Camera (1 No.)	2007-08	0.20	Good
Digital Camera (1 No.)	2015-16	0.14	Good
Copier Machine (1 No.)	2009-10	1.20	Good
Computer (2 No.)	2009-10	0.63	Good
Computer UPS (1 No.)	2009-10	0.12	Good
LCD projector (1 No.)	2009-10	0.98	Good
Laser printer (1 No.)	2009-10	0.06	Good
Ticker board (1 No.)	2009-10	–	Not working
Scanner (2 No.)	2009-10	0.07	Good
Ralson By Closure Machine (1No.)	2011		Good
Mixer Grinderes (1No.)	2012		Good

1.8. A). Details SAC meeting* conducted in the year 2015-16: not held till date

Sl. No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken on last SAC recommendation
1.	01.03.16	Enclosed in Annexure II		

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

2. DETAILS OF DISTRICT

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

Sl. No	Farming system/enterprises
1.	Agriculture (field crops)—Horticulture (Fruits and vegetables)
2.	Agriculture (Field crops)—Animal Husbandry (Piggery, duckery, goatary, poultry and dairy)
3.	Agriculture (Field crops) – Fishery
4.	Agriculture (Field crops)—Sericulture (Eri and muga silkworm)
5.	Agriculture (Field crops)—Horticulture – Animal Husbandry (Piggery, duckery, goatary, poultry and dairy)
6.	Agriculture (Field crops)—Horticulture (Fruits and vegetables)—Fishery
7.	Agriculture (Field crops)—Horticulture (Fruits and vegetables)—Forestry
8.	Agriculture (Field crops)—Animal Husbandry (Piggey, duckery, goatary, poultry and dairy)-Fishery
9.	Agriculture (Field crops)—Animal Husbandry (Piggey, duckery, goatary, poultry and dairy)-Forestry

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

A. Agro-climatic Zone

Sl. No	Agro-climatic Zone	Characteristics
1.	Lower Brahmaputra Valley Zone	The soil of the zone is mostly acidic in nature and soil PH gradually increases towards the river Brahmaputra. The soil is medium to high in organic carbon and available N and P_2O_5 low and medium in K_2O status. Four orders of soils are found in the zone (i) Entisol, (ii) Inceptisol, (iii) Alfisol and (iv) Ultisol.

B. Agro-ecological Situations

Sl. No	Agro-climatic Zone	Characteristics
1.	Foot hill old mountain valley alluvial plain	The northern part of the district comprising this situation contains old mountain valley alluvial soils (Alfisol & Ultisol). Build up of alluvial materials washed down from the hill slops. Surface soil is light yellow to pale brown, compact, sticky and plastic. Generally, medium to heavy in soil texture. The elevation is higher towards foot hills which gradually slop towards south.
2.	Flood prone recent riverine alluvial plain	Recent riverine alluvial (Entisol), sandy to sandy loam in soil texture. This situation is represented by an almost flat topography which often experiences flood hazard. Apart from some natural depressions, some riverine islands are also in existence.
3.	Flood free riverine alluvial middle plain	Old riverine alluvial type (Inceptisol). The texture of the surface soils ranges from sandy loam to loam, silty clay loam, silty clay and clay. The topography is almost plain.
4.	Hill and Hillock	Old alluvial type (Alfisol), sandy to sandy loam in texture and acidic in nature. The topography is undulating.

2.3 Soil types

Sl. No	Soil type	Characteristics	Area in ha
1.	Light gray	Sandy loam to silly loam in texture	186.00
2.	Red soil (Mixed)	High in 'Fe' and 'Al' oxides. Fairly well drained soil	48349.33
3.	Sandy soil	Light textured soil	162.66
4.	Sandy loam	Medium textured	489.50
5.	Clay loam	Heavy textured. Poor external as well as internal drainage	228.54

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

Sl. No	Crop	Area (ha)	Production (ton)	Productivity (Qtl /ha)
1	Autumn Rice	10568.5	10663.62	10.09
2	Winter Rice	38910.6	61634.40	15.84
3	Boro Rice	1566	3875.85	24.75
4	Wheat	1064	1755	16.49
5	Maize	478	291	6.09
6	Arhar	382.5	318.62	8.33
7	Greengram	143.5	58.26	4.06
8	Black gram	1364	636.98	4.67
9	Gram	213	100	4.70
10	Lentil	2050.5	1060.10	5.17
11	Peas	883	675.50	7.65
12	Other Pulses	754	367.95	4.88
13	Rapeseed & Mustard	8683.5	3490.77	4.02

14	Castor	28.5	9.5	3.33
15	Sesamum	829	369.73	4.46
16	Linseed	178	78.50	4.41
17	Nizer	631.5	327.12	5.18
18	Papaya	155	2208	142.45
19	Banana	924	11623.0	125.79
20	Orange	972.5	8166.08	83.97
21	Pineapple	683.5	12726.77	186.20
22	Sweet Potato	236	708	30.00
23	Tapioca	542.5	2358.79	43.48
24	Potato	3426	25766.95	75.21
25	Chillies	936.5	595.6	6.36
26	Onion	300.5	601	20.00
27	Black Pepper	81.4	135.7	16.67
28	Turmeric	719	421.3	5.86
29	Ginger	623	4337.3	69.62
30	Sugarcane	92	3330	361.96
31	Jute	1530.3	2592	16.94
32	Mesta	156.3	189	12.14
33	Kharif vegetables	1984	31992	161.25
34	Rabi vegetables	4321	48628	112.54

2.5. Weather data

Month	Rainfall (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	
April'15	15.0	34.5	18.1	81.9
May'15	457.2	45.4	21.2	86.1
June'15	921.5	36.1	21.3	85.8
July'15	455.0	36.1	22.8	83.7
Aug'15	1141.0	41.1	23.6	90.5
Sept'15	212.5	39.0	24.1	79.1
Oct'15	12.0	37.6	17.8	75.6
Nov'15	18.0	31.1	12.7	77.2
Dec'15	12.5	29.4	7.4	80.1
Jan'16	4.5	25.9	8.0	73.5
Feb'16	Nil	28.9	10.6	74.5
Mar'16	65.0	34.6	16.1	67.6

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

Category	Population (Nos.)	Production	Productivity
Cattle			
Crossbred	462	-	-
Indigenous	36952	-	-
Buffalo			
Crossbred	194	-	-
Indigenous	666	-	-
Sheep			
Indigenous	6167	-	-
Goats	24902	-	-

Pigs			
Crossbred	4948	–	
Indigenous	9412	–	
Poultry			
Backyard	68320	-	-
Farm	255913	-	-

Category	Area (ha)	Production(MT)	Productivity (Kg/ha)
1. Tank and pond	332	7138	2150
2. Beel	6201	21393	345
3. River	256	640	250
4. Paddy field	621	9135	150
5. Forest Fishery	0.85	46	550
6. Others	211	369	175

(Source: SREP, Chirang) Note: Pl. provide the appropriate Unit against each enterprise

2.6 Details of Operational area / Villages (2015-16)

Sl. No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified thrust area
1.	Kajalgaon	Sidli	South Kajalgaon, Kasikotra, Hulmagaon No. 1, Saljhora, Baikhungaon, Tangabari, Padmapur, Nimagaon, Kolobari, Banduguri, Sundari, Kashikotra, Hatipota, Dangaigaon, Baikhungaon, Dwkhanagar Tirimari, Basugaon, Runikhata, Dadgiri, Deoshree, Tukrajhar, Mulandubi, , Amlaiguri, North Sukhanipara, Thuribari, South Silkaguri, Sakatiuzanpara, Sakati Bhatipara, Fulguri, Khagrabari, Nalbari, Kachutola, Bhutkura, Nichinapara, Basugaon Turibari, Bhutiapara, Tukrajhar-I, Kanibhur, Salbari, Domgaon, Paschim Hulmagaon-I, Hulmagaon-II, Pub – Domgaon, Choto Nilibari, Maidam Runikhata, Runikhata,	Rice, rapeseed & mustard, sesame, black gram, buckwheat, kharif & rabi vegetables, maize, banana etc. are important crops. Major enterprises included cropping, dairy, backyard poultry, goatery etc.	-Soil acidity -Rain fed farming -Low rate of seed replacement - Yield gap in paddy, pulses, oilseeds, fruits and vegetables -Imbalance use of chemical fertilizer -Low productivity of animals	-Acid soil management -Productivity enhancement in major field crops. - Popularization of HYVs - Seed and planting material production --Commercial production of fruits and vegetables. -AdIption of INM and IPM technologies. -Live-stock management -Formation of farm science club

			Ashrabri, Pub-Ashrabari, Taktara, Ghoramari, Duligaon, Pakhriguri - 2, Gossaigaon, Pakhriguri-1 Amguri –II, Guwabari, Nehalgaon, Kathalpara, Ulubari, Garubhasa No.1, Julioga, Goragaon Salibari, Kahibari, Jaoliabari, Balapara, Lauripara, Garubhasa No.2, Goragaon, Dologaon, Amguri, Athiabari, Bamungaon, Dangshibari, Bairajhora.			
2.	Bijni	Borobazar	Majrabari, Batabari, Pub Khamarpara, Saragaon, Laugaon, Larugaon, Batabari, Agrong pakriguri, Dahlapara, Daisunguri, Khamarpara, Labdanguri, Kishan Bazar Majrabari, Moneswari, Kochubari, Borgaon, Ulu Bari, Thasobari, Ballamguri, Pub-Makra, Malivita, Janata Bazar, Malivita F.V, Amteka F.V, Dhalpani Forest Block, Simlaguri Forest Block, Dakhingaon F.V, Bhurbasti FB, Bhur FV, Parbatipur, Gendabil, Koila - Moila, Narayanpur, Napalpara, Parbatjhora, Pub - amguri, No. 1 Mazrabari, Malipara, Pachim Makra, Baripara No.1, Sowari No. 2, Sowari No. 1, Dahalapara No. 2, Dahalapara No.2, Bishnupur No. 3, Bishnupur No. 2, Bishnupur No. 1, Kachubil No. 1, Kachubil No. 2, Thaisobari No. 2, Thaisobari No. 1, Panbari, Betbari No. 1, Betbari No. 2, Purakhola, Silikhaguri, Larugaon No. 1, Larugaon	Major crops are rice, lentil, toria, rapeseed & mustard, areca nut, coconut, banana, vegetables, bamboo etc. Major enterprises are cropping, fishery, dairy, duckery, goatery, backyard poultry, Mushroom etc.	-Soil acidity -Yield gap in paddy, pulses, oilseeds, fruits and vegetables -Low rate of seed replacement and poor adoption of HYVs -Poor fertility management -Rainfed farming -Un-organized marketing system -Low productivity of animals --Low production of fish per unit of water bodies.	-Management of acid soil -Crop planning for rainfed area. -Commercial production of fruits and vegetables. -Increasing productivity of major field crops through improved crop management practices -Popularization of HYVs -Seed and planting material production -Adoption of INM and IPM technologies. -Live-stock management -Adoption of improved fish production technology. - Formation of SHGs and farmer's club

			No. 2, Bagargaon, Silikhaguri No. 2, Dewanpara No. 2, Silikhaguri No. 1, Lasatipara, Pub – Khamarpara, Batabari, Doturi, Kawatika -1,			

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during 2015-16

Discipline	OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Maize, Other Crops/Enterprises)			
	Number of OFTs		Number of Farmers		Number of FLDs		Number of Farmers	
	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Protection	3	3	11	14	3	3	18	29
Agronomy	3	6	9	15	6	6	39	39
Soil Science	3	3	9	9	3	3	18	18
Horticulture	0	1	2	2	0	2	6	8
Home Sci.	1	1	5	3	2	0	0	0
Ani. Sci.	0	2	0	6	0	1	0	3
Economics					1	1	50	70
Total	**10**	**16**	**36**	**49**	**15**	**16**	**131**	**167**

Note: Target must be as set during last Action Plan Workshop

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Nos. of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers	25	37	800	983	200	208	5000	7445
Rural youth	13	8	340	198				
Extn. Funct.	0	4	0	106				
Total	**38**	**49**	**1140**	**1287**	**200**	**212**	**5000**	**7415**

Seed Production (ton.)		Planting material (Nos. in lakh)	
5		6	
Target	Achievement	Target	Achievement
161.18	307.8	0.135	0.0835

Note: Target must be as set during last Action Plan Workshop

3. B. Abstract of interventions undertaken during 2015-16

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.	Reduction of yield gap in major field crops through introduction of improved varieties and crop management practices	Hybrid maize, toria, Sali rice, Ahu rice, Buck, Niger, Lentil	Yield gap due to poor adoption HYV and poor knowledge on scientific management practices, poor weed management	1. Varietal evaluation of mid duration Rice variety, TTB-404 2. Varietal performance of lentil variety HUL-57 under rice utera condition 3. Seed priming in lentil 4. Evaluation of linseed varieties (Sekhar, Padmini and T 397) under utera condition 5. Water management in Ahu rice under aerobic condition,	1. Integrated crop management of Rabi maize 2. integrated crop management of niger 3. Integrated crop management of buck wheat 4. Varietal performance of toria, Var: TS-46 & TS-67 5. integrated crop management of wheat	1. Nursery raising and scientific method of cultivation of Sali rice. 2. Scientific method of cultivation of oilseed crops. 3. Scientific methods of cultivation of pulse crops.		Advisory services, diagnostics visit, field visit, Field day, Method demonstrations	Seed, fertilizers and other critical inputs
2.	Seed production	Toria, Lentil	Non availability of quality seed and planting materials		1. Foundation seed production of Toria under PPP mode			Field Day on Improved production and foundation seed production technology in toria, lentil	Seed, chemical fertilizer and pesticides
3.	Irrigation management								

4.	Integrated pest and disease management	Sali rice, Brinjal, Potato, TPS, Lentil,	Lack of scientific approaches in insect pest and disease management strategies	1. Integrated management practice of cutworm in potato 2. Management of storage insect pest of rice through ITK, 3. Management of brinjal shoot & fruit borer through Pheromone trap	1.Monitoring and management of rice yellow stem borer through pheromone trap 2. Management of late blight through host plant in potato. 3. Storage insect pest management in black gram	1. Integrated pest management in summer and winter rice. 2. Safe and scientific handling of chemical pesticides.	-	Advisory services and field visits	Chemical fertilizer and pesticides
.5.	Commercial production and management of horticultural crops	Banana, watermelon, okra	Yield gap due to poor adoption and poor knowledge on scientific management practices of vegetable and fruit crops	1. Plastic mulching in okra	1. Area expansion in banana var. Malbhog 2. Cultivation of water melon in sand and silt deposit areas of Aie river valley	1. Nursery management of vegetable crops 2. Scientific crop management of Banana and coconut 3. Multistoried cropping in horticulture 4.Protected cultivation of vegetable crops 5. Commercial cultivation of flower crops		Advisory services, diagnostics visit, field visit, Field day,	Seed, fertilizers and other critical inputs

6	Soil health and nutrient management	Sali paddy, Toria Lentil Chilli, Linseed	Injudicious use of chemical fertilizers and poor knowledge on soil health management	1. Application of $ZnSO_4$ in Sali paddy along with recommended dose of NPK fertilizer to sustain its productivity 2. Foliar application of 1% urea on toria 3. Effect of fertilizer mixe biofertilizer-enriched compost for nutrient management in chilli after winter rice. 4. INM in rice linseed sequence	1. Cultivation practices of Toria with recommended dose of fertilizer & Borax – 2. integrated nutrient management in lentil 3. Production of vermicompost in low cost vermicompost unit	-	-	Diagnostic visit and Advisory Services	Seed & fertilizer
7	Soil microbes (beneficial)	Vermi compost	Lack of knowledge on production and use of organic inputs	-	1. Production of vermicompost in low cost vermicompost unit	-	-	Advisory services and method demonstrations	Bamboo based earthen mud plastered low cost vermi compost unit & earth worm species *Eisenia foetida*
8	Child care	Bamboo walker	High cost and chances for accident in plastic made walker	1. Traditional Bamboo walker for infant	-	-	-	1. Publication of leaflet on low cost bamboo walker	Low cost Bamboo walker

9.	Scientific livestock management	Poultry Piggery	1. Low productivity of indigenous bird in traditional management practices. 2. Stunted growth of piglets due to piglet anaemia	1. Introduction of Kamrupa chicken under backyard management condition. 2. Rearing of pigeon squab as an subsidiary income generating activity	1. Health care management of piglets	1.Scientific pig management	-	Advisory services, Field visit	Day old chicks, Pigeon, Medicine & Vaccines

3.1 Achievements on technologies assessed and refined during 2015-16

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

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

Small Scale income generating enterprises (Others)										
TOTAL	**4**	**4**	**1**		**3**				**1**	**14**

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

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

Thematic areas	**Cereals**	**Oilseeds**	**Pulses**	**Commercial Crops**	**Vegetables**	**Fruits**	**Flower**	**Plantation crops**	**Tuber Crops**	**TOTAL**
Varietal Evaluation										
Seed / Plant production										
Weed Management										
Integrated Crop Management										
Integrated Nutrient Management										
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries										
Post Harvest Technology										
Integrated Pest Management										
Integrated Disease Management										
Resource conservation technology										
Small Scale income generating enterprises										
TOTAL										

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

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

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

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

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitry	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.	Seed priming in lentil	Poor germination due to moisture stress	T_1: Seed soaking in water for 6 hrs and drying in shade to bring into original weight before sowing T_2: Farmers' practice with direct sowing	Lentil	2	T_1: D/S: 5.11.15 D/H: 12.3.16 Yield: 9.0 q/ha T_2: D/S: 5.11.15 D/H: 12.3.16 Yield: 8.0 q/ha	Farmers found the practice useful as germination and branching is more with more flowering and pods	Seed priming is useful to increase germination.	T_1: 2.60 T_2: 2.31
2.	Integrated management practices of cutworm in potato	Poor knowledge on insect pest management	Soil application of Imidachloprid 200 SL (@ 48 g a.i/ha) at the time of sowing + one spray of NSKE @ 5 ml/lit at 15 days after sowing (DAS) + gram baiting 1st at 25 DAS and 2nd at 55 DAS.	potato	3	Percent of damaged plants at different time interval: 8.3 at 25 DAS, 6.06 at 50 DAS, 3.2 at 75 DAS, 2.9 at 100 DAS Percent tuber damage= 4.32 Avg. Yield= 264 q/ha(with treatment), 245 q/ha (without treatment)	The technology is suitable for control of cutworm infestation.	Soil application of imidachloprid + one spray of NSKE + gram baiting reduces the cutworm infestation.	2.82 with treatment 2.62 with control
3	Management of storage insect pest of rice through Indigenous Technical Knowledge(ITK)	Poor knowledge on insect pest management in storage	T_1 .Application of dry patharua bihlongoni, Polygonum Hydropiper over the storage structure (5 cm thick) T_2. Mixing of dry patharua bihlongoni, Polygonum hydropiper with the rice seed in the storage bin (@ 3 gm/kg) T_3. Control	Rice	5	On going - Nos of damaged seed /100 seeds at different time interval T1 After 30 days=3.6 After 60 days= 4.3 After 90 Days= 4.6 T2 After 30 days= 2.4 After 60 days= 2.5 After 90 Days= 2.7 T3 After 30 days=6.5 After 60 days= 6.7 After 90 Days= 7.01	Farmers found the practice useful till now	The ITK is useful to reduced the insect pest infestation. However this technology requires future study.	- On-going

4	Management of brinjal shoot and fruit borer through pheromone trap	Lack of knowledge about pheromone trap	Installation of pheromone traps (Wota-T with Lucin Lure) @ 30 Nos. /ha starting from 15 days after sowing with a replacement of Lucin Lure at 60 days interval	brinjal	8	Avg no of insect trapped at vegetative stage: 7.92 per trap Avg no of insect trapped at flowering stage: 9.3 per trap Avg no of insect trapped at fruiting stage: 10.32 per trap Avg. Fruit damage(%)/ plant: 5.6 % Control: 10.52% Yield using pheromone trap: 203.32 q/ha Control: 176.02 q/ha	The infestation of brinjal shoot and fruit borer was reduced to great extent	The use of pheromone trap can reduced the brinjal shoot and fruit borer attack on brinjal crop	4.51 with pheromone 3.91 without pheromone
5	Performance of Lentil variety "HUL-57' under rice utera condition	Late sowing after harvest of rice, moisture stress in soil	T1- Sowing seed @ 45 kg/ha almost 15 days after 50% flowering of Sali rice T2- Farmers practice.	Lentil	3	T_1: Rice var. Ranjit Yield of rice: 5.20 t/ha Yield of Lentil Var. 'HUL 57': 7.50 q/hq T_2: Rice var. Ranjit Yield of rice: 5.10 t/ha Yield of Lentil Var. 'HUL 57': 5.50 q/hq	Cost of cultivation of lentil is less, germination is good in utera cropping	Lentil var HUL 57 is suitable in medium to lowland situation under rice utera condition	T_1: Rice: 2.00 , Lentil: 2.71 T_2: Rice: 1.96, Lentil: 1.75
6	Evaluation of linseed variety under utera condition	Late sowing after harvet of rice, moisture stress in soil	T1- Sowing linseed 10-15 days before harvest of standing rice. Application of urea @ 30 kg/ha, 2-3 days before sowing T2- Farmers practice.	Linseed	3	Linseed yield Var. Padmini:9.50 q/ha Var. Sekhar: 9.00 q/ha Var. T 397: 8.25 q/ha	Cost of cultivation of lentil is less; germination is good in utera cropping. Perfomance of Padmini and Sekhar is good inrespect of germination and yield	All the three varieties of Linseed viz. Padmini, Sekhar and T 397 is suitable under rice utera condition	Padmini:1.90 Sekhar: 1.80 T 397: 1.65
7	Integrated nutrient	Imbalanced use of	Treatments: (i) T_1 : Control	Rice-linseed	3	Yield (q/ha) of rice T_1: 43.0	Use of biofertilizer in	Use of biofertilizer in	Rice: T_1: 1.65

	management in rice linseed sequence	chemical fertilizer	(Application of 100% of recommended dose of NPK fertilizer) (ii) T_2 : in Rice: 75% of recommended dose of NPK + 3 ton FYM/ha +Azospirillum +PSB @ 50g of both. (iii) T_3 : in linseed 50 % of FYM of recommended dose + Azotobacter +PSB @ 50 g of both.			T_2: 48.0 Yield(q/ha) of Linseed: T_1: 7.50 T_2: 8.50	Sali paddy can enhance grain yield.	Sali paddy can enhance grain yield as compared to application of recommended dose of N, P_2O_5,K_2O fertilizers. But this technology requires future studies	T_2: 1.85 Linseed: T_1: 1.55 T_2: 1.70
8	Weed management in lentil	Yield reduction in lentil due to weed infestation	T_1: Pre emergence Application of Pendimethalin @1 kg/ga followed by hand weeding at 40DAS T_2: Farmers practice: (One hand weeding at 25-30 DAS)	Lentil	3	Yield of lentil: T_1: 9.25 q/ha T_2: 10.00 q/ha	Appilcation of Pendimethalin as pre emergence reduce the weed infestation, reduce cost of cultivation	Pre emergence weedicide Pendimethalin is good for upland situation and suppress weed germination	T_1 3.01 T_2: 2.97
9	Varietal performance of Sali rice variety TTB - 404	Lack of knowledge of medium duration new rice variety	**Treatments:** T_1: Cultivation of Sali rice variety TTB - 404 T_2: Cultivation of Sali rice variety Ranjit	Rice	4	**TTB-404:** Plant height: 125.25 cm Panicle length: 26 cm Spikelet/panicle: 15 Nos. of grain/panicle: 230 nos. Grain yield: 45.0 q/ha **Ranjit**: Plant height: 120.5 cm Panicle length: 24.5 cm Spikelet/panicle: 14.0 Nos. of grain/panicle: 240 nos. Grain yield: 48.0 q/ha	Farmers find TTB - 404 suitable for rice – toria crop cropping system as TTB-404 is short duration than Ranjit	Sali rice var. TTB 404 is suitable for rice based cropping system as rabi crops like toria, lentil, potato can be grown in time after harvest of rice var. TTB 404	TTB-404: 1.45 Ranjit: 1.54
10	Application of $ZnSO_4$ in Sali paddy along with	Imbalanced use of chemical	**Treatments:** (i) T_1 : Control (Application of 100% of	Rice	3	Yield (t/ha): T_1: 4.3 T_2: 4.8	Use of $ZnSO_4$ in Sali paddy can increase grain	Use of $ZnSO_4$ in Sali paddy can enhance grain	T1: 1.40 T2: 1.84

	recommended dose of NPK fertilizer to sustain its productivity	fertilizer	recommended dose of NPK fertilizer) (ii) T_2 : Application of $ZnSO_4$ @ 25 kg / ha + compost @ 2t / ha + recommended dose of NPK fertilizer				yield of rice	yield as compared to application of recommended dose of N, P_2O_5, K_2O fertilizers	
11	Foliar application of 1% urea on toria	Imbalanced use of fertilizer in Toria	**Treatments:** (i) T_1: Control (Basal application of N, P_2O_5, K_2O @ 40:35:15 kg/ha & Borax @ 7.5 kg/ha) (ii) T_2: Basal application of recommended N, P_2O_5, K_2O + Borax @ 7.5 kg/ha along with foliar application of 1% urea at 50% flowering & 50 % pod filling stages of toria	Toria	2	Plant height (cm): T1:113.0 T2:112.0 Yield (q/ha): T1: 11.50 T2: 12.00	Application of 1% urea slightly increase the seed yield of toria under rainfed situation. However, it is difficult to spray the urea solution	Though seed yield of toria increased slightly due to 1% urea application but it is difficult to spray	T_1: 2.75 T_2: 2.87
12	Effect of fertilizer mixed biofertilizer-enriched-compost for nutrient management in chilli (*Capsicum annum*) after winter rice	Poor Knowledge of integrated nutrient management	(i) Control (without any fertilizer or biofertilizer) (ii) Biofertilizer incubated (15 days, *Azospirillum, Azotobacter* and PSB @ 1% on dry weight basis) vermicompost 1.0 t ha^{-1} mixed with 50% RD fertilizer, applied in ring method in 2 equal splits at planting and at 30 DAP (iii) Biofertilizer incubated (15 days, *Azospirillum, Azotobacter* and PSB @ 1% on dry weight basis) vermicompost 1.0 t ha^{-1} applied in ring method	Rice, Chilly	3	Chili crop is in flowering stage	-	-	-
13	Plastic mulching in okra	Crop-weed competition for soil	T1: Without plastic mulch T2: With black plastic	Okra	2	Ongoing	Farmers found the practice useful in reducing	Reduce weed growth and conserve	In progress

		moisture and nutrients	mulch				weed and conserving soil moisture	moiture	
14	Traditional Bamboo walker for infant	Low cost and chances for accident in plastic made walker	Validation of ITK	Bamboo walker	5	-Infant get cheerful -More tendency to stand	Low cost, Raw materials are easily available, Very less hazards of accident as the tool has to be fixed on the ground, It facilitates mental development of infant.	Low cost, can use by poor family	-
15	Introduction of Kamrupa Chicken under backyard management condition	Low productivity of indigenous birds	Backyard management	Poultry	4	Ongoing - Avg body wt at 4 weeks, 8 weeks 250 gm and 750gm respectively as compared to 80g and 300 gm respectively of deshi bird	Management is same as local bird however growth is more in case of Kamrupa breed	Management is same as local bird however growth is more in case of dual purpose Kamrupa breed	
16	Rearing of pigeon squab as a subsidiary income generating activity	Low productivity under traditional management practices	Scientific management practices	Pigeon	2	Average body weight at birth, 1st week, 2nd week and 3rd week are 70gm, 120gm and 220 gm respectively. Two squabs per couple of months recorded.	Additional income for livelihood security of women farmers.	Additional income for livelihood security of women farmers.	-

Field crops – ton/ha, * for horticultural crops -= kg/t/ha, * milk and meat – litres or kg/animal, * for mushroom and 19ermin compost kg/unit area.

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

3.2 Achievements of Frontline Demonstrations during 2015-16

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

List of technologies demonstrated during previous year and popularized during 2015-16 and recommended for large scale adoption in the district

Sl. No	Crop/Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area in ha
1	Toria	Varietal performance of toria, Variety; TS-46 and TS-67	2	4	2.0
2	Toria	Foundation seed production of Toria under PPP mode	1	1	2.0
3	Maize	Integrated crop management of rabi maize	1	8	2.0
4	Buckwheat	Integrated crop management of Buckwheat	1	3	2.0
5	Niger	Integrated crop management of niger	1	2	1.0
6	Water melon	Cultivation of water melon in sand and silt deposited areas of Aie river valley	3	6	3.0
7	Banana var.Malbhog	Area expansion in Banana var.Malbhog	2	2	3.0
8	Toria	Technology demonstration under technology showcasing of toria 2015-16	5	27	20.00 ha
9	Lentil	Technology demonstration under technology showcasing of lentil, Var: Moyetri 2015-16	6	9	6.00 ha
10	Vermicompost	Production of vermicompost in low cost vermicompost unit	3	5	5 units
11	Sali paddy	Technology demonstration under technology showcasing of Sali paddy 2015-16	16	56	53.26 ha
12	Toria	Cultivation practices of Toria with recommended dose of fertilizer & Borax	3	5	3.0 ha
13	Lentil	Improved production technology in lentil	3	4	3.00 ha
14	Toria	Cluster demonstration of toria, variety-TS 46 under ICAR project, 2015-16	12	42	20.00 ha
15	Lentil	Cluster demonstration of LENTIL, VAR: Moyetri under ICAR project, 2015-16	5	14	7.5 ha
16	Pea	Cluster demonstration of pea under ICAR project, 2015-16	2	39	5.00 ha

17	Toria	Seed production under TSP Programme, 2015-16	19	92	42.00 ha
18	Niger	Seed production under TSP Programme, 2015-16	4	8	5.5 ha
19	Buckwheat	Seed production under TSP Programme, 2015-16	6	33	21.00 ha

**** 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)		
					Proposed	Actual	SC/ST	Others	Total			N	P	K
1	Maize	Integrated crop management	Var. SHS-72	Rabi, 2015-16	2.00	3.0	0	16	16	NA	Raifed,Medium upland	-	-	-
2	Rice	Integrated pest management	Var. Ranjit	Kharif 2015-16	13.4	13.4	18	2	20	NA	Low land / medium upland	-	-	-
3	potato	Integrated pest management	HPS 7/67	Rabi, 2015-16	1.0	1.0	3	3	6	NA	Medium upland	-	-	-
4	lentil	Integrated pest management	Application of black pepper powder @ 3 g/kg of blackgram seed before storage	Rabi, 2015-16	3 units	3 units	-	3	3	NA	rainfed	-	-	-
5.	Toria	Varietal performance of Toria, Var: TS-46 & TS-67	Var: TS-46 & TS-67	Rabi, 2015-16	2.00	2.00	0	3	3	NA	Medium upland	-	-	-
6.	Lentil	Integrated nutrient management	Var. Mayetri	Rabi, 2015-16	3.0	3.0	-	4	4	NA	Medium upland	-	-	-
7.	Water melon	Integrated crop management	Cultivation of water melon in sand and	Rabi, 2015-16	0.2	0.26	5	1	6	NA	Irrigated	-	-	-

			silt deposit areas of Aie river valley											
8	Banana	Crop production	Area expansion in Banana cv.Malbhog	Kharif,2016	0.12	0.12	1	-	1	NA	Irrigated	-	-	-
9	Toria	Soil management	Cultivation practices of Toria with recommended dose of fertilizer & Borax	Rabi 2015 - 16	3.0	3.0	2	1	3	NA	Rainfed	269.88	19.58	130.94
10	Toria	Seed production	Foundation seed production of Toria under PPP mode	Rabi 2015- 16	2.0	2.0	0	1	1	NA	Irrigated	350.1	190.9	129.8
11	Buck wheat	Integrated Crop Management	Integrated crop management of buckwheat	Rabi 2015- 16	2.00	2.00	0	5	5	NA	Rainfed	-	-	-
12	Niger	Integrated Crop Management	Integrated crop management of niger	Rabi 2015-2016	1.00	1.00	2	1	3	NA	Rainfed	-	-	-
13	Wheat	Integrated crop management	Integrated crop management of wheat	Rabi 2015-2016	5.00	5.00		12	12	NA	Irrigated			

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	Maize	ICM	2.0	Ongoing	-	-	-	-	--	-	-	--	-	-	-	-	-	-
2	Rice	IPM	13.4	55.5	50.4	10.9	62.5	48.0	Low stem borer infestation	Stem btrer infestation higher then demo	35810	55500	19690	1.55	33540	50400	16860	1.50
3	Potato	IPM	1.0	253.0	215.0	17.7	278.5	225.0	Late blight incidence was less and was found less(15.7 % disease intensity)	The late blight incidence was found to be higher than treated area	93750	253000	159250	2.70	90500	215000	124500	2.38
4	Lentil	IPM	3 units	Ongoing	-	-	-	-	-	-	-	-	-	-	--	--	-	-
5	Toria	Varietal performance	2.0	12	8.0	50.00 %	14.7	8.30	Siliqua/pl=119 Ht/pl= 115cm Br/pl= 7	Siliqua/pl=86 Ht/pl= 95.5 cm Br/pl= 3.5	21500	60000	38500	2.79	20000	40000	20000	2.00
6	Lentil	INM	3.0	11.0	7.25	52.0%	13.5	7.5	Br/pl=5.5 Ht/pl= 23.4 cm	Br/pl=5 Ht/pl= 23.0 cm	22500	71500	49000	3.18	20100	47125	27025	2.34
7	Toria	Soil management	3.0	11.5	8.0	43.8%	12.75	8.0	Siliqua/pl=124.5 Ht/pl= 118cm Br/pl= 7	Siliqua/pl=90.5 Ht/pl= 98.5 cm Br/pl= 4	21500	57500	36000	2.67	20000	40000	20000	2.00

8	Watermelon	ICM	0.26	618.8	318.0	94.6%	675.4	275.6	Fr/p=6 Fr/wt=6.3kg	Fr/p=4 Fr/wt=5.1kg	120000	618800	498800	5.16	110000	318000	208000	2.89
9	Banana	Crop production	0.12	On going	-	-	-	-	-	-	-	-	-	-	-	-	-	In progress
10	Toria	Seed production	2.0	14.0	9.0	55.55 %	15.5	12.5	Siliqua/pl=129 Ht/pl=119cm Br/pl=9	Siliqua/pl=110 Ht/pl=109cm Br/pl= 7	21500	70000	48500	3.26	20000	62500	42500	3.13
11	Buckwheat	ICM	2.00	12.0	9.0	33.3%	13.0	11.0	-	-	12500	36000	23500	2.88	12300	27000	14700	2.19
12	Niger	ICM	1.00	6.0	3.5	71%	7.0	4.0	-	-	10500	30000	19500	2.86	9000	17500	8500	1.94
13	Wheat	ICM	5.00	18.0	12.0	50%	21.0	8.0			18850	27000	8150	1.43	15000	18000	3000	1.20

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

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

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

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

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

d. Extension and Training activities under FLD on Crops

Sl. No.	Activity	No. of activities organized	Date	Number of participants			Remarks
				Gen	SC/ST	Total	
1	Field days	4	12.12.15,,02.02.16, 28.3.16, 31.3.16	91	90	181	Held at Chowraguri and Basugaon
	Mushroom Cultivation	1	08.02.16	02	26	28	Held at Kissan Bazar
	Improved production technology and foundation seed production	1	19.02.16	47	5	52	Held at Saragaon, Bijni
2	Farmers Training	9	28/08/15 29/08/15 27/09/15 09/12/15 10/12/15 11/12/15 12/12/15	150	170	320	Held at different demonstrated areas

			13/12/15				
3	Media coverage	2	-	-	-	-	-
4	Training for extension functionaries	-	-	-	-	-	-
5	Any other (Pl. specify)						
	Total	**15**	**-**	**264**	**241**	**505**	

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	Piglets	Health care	Iron injection against piglet animal	3	3	30 piglets	-	-	-	-	-	-	-	-	-	-	-	-	-	In progress

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

Produce Sale Price must be as per MSP or Registered Marketing Society, Pl. apply the formula: Net Return= Gross Return-Gross Cost, BCR= GR/GC

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

(iii) Fisheries Nil

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

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

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

(iv) Other enterprises

Sl. No	Category/ Enterprise, e.g., mushroom, vermicompost, apiculture etc.	Thematic area	Name of Technology	No. of farmers	No. of units	Major Performance parameters / indicators		% change in the parameter	Other parameters (if any)		Econ. of Demo. (Rs./Ha.)				Econ. of Check (Rs./Ha.)				Remarks
						Demo	Check		Demo	Check	GC**	GR**	NR**	BCR**	GC	GR	NR	BCR	
1	Mushroom	Mushroom cultivation	Scientific cultivation of oyster mushroom	70	10	3.0 kg/cylinder	-	-	-	-	100	300	200	3.0	-	-	-	-	More farmers are interested for sustainable cultivation as the production cost is low and high return
2	Vermicompost	Soil microbes (beneficial)	Production of vermicompost in low cost vermicompost unit	5	5	40kg/ m^3	-	-	-	-	750	4000	3250	5.33	-	-	-	-	Composting process still continuing

*** 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					
1	Tubular hand held maize sheller	Maize	Tubular hand held maize sheller – a women friendly tool for drudgery reduction	5	5 units	Size of maize cob	Time of shelling	Size of maize cob	Time of shelling		-	-	Function well without causing damage to the nail of operator, There is neither swelling nor pain of fingers of the operator
						Large	35-40 sec/cob	Large	90-180 sec /cob	61-78 48-55 40-50			
						Medium	31-34 sec/cob	Medium	60-75 sec /cob				

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.

g. Others (On farm Testing of Indigenous Technical Knowledge (ITK))

Sl. No.	Title of OFT	Problem Diagnosed	Name of Technology Assessed	Crop/Cropping system/ Enterprise	No. of Trials	Feedback from the farmer/researcher	Remarks
5	Traditional Bamboo walker for infant	High cost and chances for accident in plastic made walker	Validation of ITK	Bamboo walker	10	-Infant get cheerful -More tendency to stand	Low cost, Raw materials are easily available, Very less hazards of accident as the tool has to be fixed on the ground, It facilitates good motor and mental development in infant.

h. Performance of cluster demonstration on Oilseed and Pulses 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	Toria	ICM	20.0	12.5	7.50	66.67 %	14.0	9.30	Siliqua /pl=122 Ht/pl= 130cm Br/pl= 8	Siliqua/pl= 98.5 Ht/pl= 100.5 cm Br/pl= 5	21500	62500	41000	2.91	20000	37500	17500	1.80
2	Sesame	ICM	10.0	Ongoing														
3	Lentil	ICM	10.0	12.0	7.25	65.51 %	14.5	8.00	Br/pl=6 Ht/pl= 25.5 cm	Br/pl=4 Ht/pl= 23.0 cm	22500	78000	55500	3.47	20100	47125	27025	2.34
4	Pea	ICM	10.0	15.5	10.5	48%	17.0	12.5			32500	155000	122500	4.77	30200	105000	74800	3.48
5	Lathyrus	ICM	1.0	11.0	6.0	83%	13.0	9.0			18500	55000	36500	2.97	17500	30000	12500	1.71

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	1	0	1	0	0	0	0	0	0	21	0	4	0	25	0	25	0	0	0	25	0	25
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																						
	1	0	1	0	0	3	0	3	0	12	0	10	0	22	0	12	0	13	0	25	0	25
Management of Problematic soils																						
Micro nutrient deficiency in crops																						
Nutrient Use Efficiency																						
Soil and Water Testing																						
IV Livestock Production and Management																						
Dairy Management																						
Poultry Management																						
Piggery Management																						
Rabbit Management																						
Disease Management																						
Feed management																						
Production of quality																						

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

tools and implements																					
Repair and maintenance of farm machinery and implements																					
Small scale processing and value addition																					
Post Harvest Technology																					
VII Plant Protection																					
Integrated Pest Management																					
Integrated Disease Management																					
Bio-control of pests and diseases																					
Production of bio control agents and bio pesticides																					
VIII Fisheries																					
Integrated fish farming																					
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	1	0	1	38	0	0	0	38	0	8	0	0	0	08	0	46	0	0	0	46	0	46

WTO and IPR issues																						
XI Agro-forestry																						
Production technologies																						
Nursery management																						
Integrated Farming Systems																						
TOTAL	6	7	8	38	1	3	1	41	1	105	20	25	21	130	41	147	21	24	2	171	43	194

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

Thematic area	No. of Courses/ prg.			Participants																		Grand Total
	Off	Sp Off*	Total	General						SC/ST						Total						
				Male		Female		Total		Male		Female		Total		Male		Female		Total		
				Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	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 production																						
Nursery management	1	1	1	20	0	0	0	20	0	5	0	0	0	5	0	25	0	00	0	25	0	25
Integrated Crop Management	5	5	5	44	0	7	0	51	0	54	0	37	0	91	0	98	0	44	0	142	0	142
Fodder production																						
Production of organic inputs																						
II. Horticulture																						
a) Vegetable Crops																						

Production of low volume and high value crops																					
Off-season vegetables																					
Nursery raising	1	-	1	26	-	-	-	26	-	1	-	-	-	1	-	27	-	-	-	27	-	27
Exotic vegetables like Broccoli																					
Export potential vegetables																					
Grading and standardization																					
Protective cultivation (Green Houses, Shade Net etc.)	1	-	1	6	-	17	-	23	-	2	-	2	-	4	-	6	-	19	-	25	-	25
b) Fruits																						
Training and Pruning																					
Layout and Management of Orchards																					
Cultivation of Fruit																					
Management of young plants/orchards	1	-	1	13	-	12	-	25	-	-	-	1	-	1	-	13	-	13	-	26	-	26
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	1	-	1	2	-	15	-	17	-	-	-	8	-	8	-	2	-	23	-	25	-	25
d) Plantation crops																						
Production and Management technology	1	-	1	12	-	2	-	14	-	10		1	-	11	-	22	-	3	-	25	-	25
Processing and value addition																						
e) Tuber crops																						
Production and Management technology																						
Processing and value addition																						
f) Spices																						
Production and Management technology																						
Processing and value addition																						
g) Medicinal and Aromatic Plants																						
Nursery management																						
Production and management technology																						
Post harvest technology and value addition																						
III Soil Health and Fertility Management																						
Soil fertility management	2	0	2	0	0	0	0	0	0	45	0	5	0	50	0	45	0	5	0	50	0	50
Soil and Water Conservation	1	0	1	8	0	0	0	8	0	17	0	0	0	17	0	25	0	0	0	25	0	25
Integrated Nutrient Management	2	0	2	10	0	8	0	18	0	26	0	6	0	32	0	36	0	14	0	50	0	50
Production and use of organic inputs																						

Management of Problematic soils	1	0	1	3	0	0	0	3	0	22	0	0	0	22	0	25	0	0	0	25	0	25
Micro nutrient deficiency in crops																						
Nutrient Use Efficiency																						
Soil and Water Testing	2	0	2	0	0	0	0	0	0	42	0	8	0	50	0	42	0	8	0	50	0	50
IV Livestock Production and Management																						
Dairy Management																						
Poultry Management																						
Piggery Management	1	0	1	7	0	1	0	8	0	0	0	11	0	11	0	7	0	12	0	19	0	19
Rabbit Management																						
Disease Management																						
Feed management																						
Production of quality animal products																						
V Home Science/Women empowerment																						
Household food security by kitchen gardening and nutrition gardening																						
Design and development of low/minimum cost diet																						
Designing and development for high nutrient efficiency diet																						
Minimization of nutrient loss in processing																						
Gender mainstreaming through SHGs																						
Storage loss minimization techniques																						
Value addition																						

Income generation activities for empowerment of rural Women																						
Location specific drudgery reduction technologies																						
Rural Crafts																						
Women and child care																						
VI Agril. Engineering																						
Installation and maintenance of micro irrigation systems																						
Use of Plastics in farming practices																						
Production of small tools and implements																						
Repair and maintenance of farm machinery and implements																						
Small scale processing and value addition																						
Post Harvest Technology																						
VII Plant Protection																						
Integrated Pest Management	4	0	4	40	0	23	0	66	0	20	0	20	0	20	0	60	0	43	0	103	0	103
Integrated Disease Management																						
Bio-control of pests and diseases	2	0	2	9	0	1	0	10	0	16	0	17	0	33	0	25	0	18	0	43	0	43
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	2	0	2	15	0	1	0	16	0	21	0	16	0	37	0	36	0	17	0	53	0	53
WTO and IPR issues (Marketing of Agricultural Produce)	3	0	3	16	0	19	0	35	0	32	0	9	0	41	0	48	0	28	0	76	0	76
XI Agro-forestry																						
Production technologies																						
Nursery management																						
Integrated Farming Systems																						
TOTAL	**31**	**6**	**31**	**231**	**0**	**106**	**0**	**340**	**0**	**313**	**0**	**141**	**0**	**434**	**0**	**542**	**0**	**247**	**0**	**789**	**0**	**789**

(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	2	0	2	1	0	0	0	1	0	35	0	10	0	45	0	36	0	10	0	46	0	46

Production																						
Bee-keeping																						
Integrated farming																						
Seed production																						
Production of organic inputs																						
Integrated Farming																						
Planting material production																						
Vermi-culture																						
Sericulture																						
Protected cultivation of vegetable crops																						
Commercial fruit production																						
Repair and maintenance of farm machinery and implements																						
Nursery Management of Horticulture crops																						
Training and pruning of orchards																						
Value addition																						
Production of quality animal products																						
Dairying																						
Sheep and goat rearing																						
Quail farming																						
Piggery																						
Rabbit farming																						
Poultry production																						
Ornamental fisheries																						
Para vets																						
Para extension workers																						
Composite fish culture																						
Freshwater prawn culture																						

Shrimp farming																						
Pearl culture																						
Cold water fisheries																						
Fish harvest and processing technology																						
Fry and fingerling rearing																						
Small scale processing																						
Post Harvest Technology																						
Tailoring and Stitching																						
Rural Crafts																						
TOTAL	**2**	**0**	**2**	**1**	**0**	**0**	**0**	**1**	**0**	**35**	**0**	**10**	**0**	**45**	**0**	**36**	**0**	**10**	**0**	**46**	**0**	**46**

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**
	Off	**Sp Off**	**Total**	**General**						**SC/ST**						**Total**						
				Male		**Female**		**Total**		**Male**		**Female**		**Total**		**Male**		**Female**		**Total**		
				Off	**Sp Off***	**Off**	**Sp Off***	**Off**	**Sp Off***	**Off**	**Sp Off***	**Off**	**Sp Off***	**Off**	**Sp Off***	**Off**	**Sp Off***	**Off**	**Sp Off***	**Off**	**Sp Off***	
Mushroom Production	3	0	3	7	0	26	0	33	0	43	0	0	0	43	0	50	0	26	0	76	0	76
Bee-keeping	1	0	1	5	0	5	0	10	0	8	0	7	0	15	0	13	0	12	0	25	0	25
Integrated farming	1	0	1	0	0	0	0	0	0	25	0	0	0	25	0	25	0	0	0	25	0	25
Seed production																						
Production of organic inputs																						
Integrated Farming																						
Planting material production																						
Vermi-culture																						
Sericulture	1	0	1	6	0	0	0	6	0	8	0	12	0	20	0	14	0	12	0	26	0	26
Protected cultivation of vegetable crops																						
Commercial fruit production																						
Repair and maintenance of farm																						

machinery and implements																						
Nursery Management of Horticulture crops																						
Training and pruning of orchards																						
Value addition																						
Production of quality animal products																						
Dairying																						
Sheep and goat rearing																						
Quail farming																						
Piggery																						
Rabbit farming																						
Poultry production																						
Ornamental fisheries																						
Para vets																						
Para extension workers																						
Composite fish culture																						
Freshwater prawn culture																						
Shrimp farming																						
Pearl culture																						
Cold water fisheries																						
Fish harvest and processing technology																						
Fry and fingerling rearing																						
Small scale processing																						
Post Harvest Technology																						
Tailoring and Stitching																						
Rural Crafts																						
TOTAL	**6**	**0**	**6**	**18**	**0**	**31**	**0**	**49**	**0**	**84**	**0**	**19**	**0**	**103**	**0**	**102**	**0**	**50**	**0**	**152**	**0**	**152**

C. EXTENSION PERSONNEL

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

Thematic area	No. of Courses/ prog			Participants																		Grand Total (x + y)
				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 (Market Led extension)	2	0	2	11	0	5	0	16	0	16	0	24	0	40	0	27	0	29	0	56	0	56
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																						
Soil and water testing	1	0	1	16	0	0	0	16	0	9	0	0	0	9	0	25	0	0	0	25	0	25
Total	3	0	3	27	0	5	0	32	0	25	0	24	0	49	0	52	0	29	0	81	0	81

3.3.6. Achievements on Training of <u>Extension Personnel</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**
	Off	**Sp Off***	**Total**	**General**						**SC/ST**						**Total**						
				Male		**Female**		**Total**		**Male**		**Female**		**Total**		**Male**		**Female**		**Total**		
				Off	**Sp Off***	**Off**	**Sp Off***	**Off**	**Sp Off***	**Off**	**Sp Off***	**Off**	**Sp Off***	**Off**	**Sp Off***	**Off**	**Sp Off***	**Off**	**Sp Off***	**Off**	**Sp Off***	
Productivity enhancement in field crops																						
Integrated Pest Management	1	0	1	15	0	1	0	16	0	7	0	2	0	9	0	22	0	3	0	25	0	25
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																						
Soil and water conservation																						
Gender mainstreaming through SHGs																						
TOTAL	**1**	**0**	**1**	**15**	**0**	**1**	**0**	**16**	**0**	**7**	**0**	**2**	**0**	**9**	**0**	**22**	**0**	**3**	**0**	**25**	**0**	**25**

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
Agronomy	Crop production	Scientific ultivation of Summe pulse crop	6.02.16	1	Bijini	Farmer/Farm woman	0	0	0	21	4	25	25	0	25

Soil Science	Soil health management	Production and use of organic inputs	1.09.15	1 day	Training hall, KVK Chirang	Farmer/Farm woman	0	3	3	12	10	22	12	13	25
Soil Science	Soil testing	Soil testing its importance & procedure	18.01.16	1 day	Training hall, KVK Chirang	Farmer/Farm woman	16	0	16	9	0	9	25	0	25
Total							**16**	**3**	**19**	**42**	**14**	**66**	**62**	**13**	**75**

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
Animal science	Piggery y	Scientific pig farming	08.02.16	1 day	Amlaiguri	Farmer/Farm woman	7	1	8	0	11	11	7	12	19
Agronomy	Crop Production	Scientific method of cultivaton of Jute	23/07/15 , 24/07/15	2 days	Bhutkura	Farm/Farm women	0	3	3	15	7	22	15	10	25
Agronomy	Crop production	Nursery raising and scientific method of Sali paddy cultivation	24/08/15 , 25/08/15	2 days	Bhutkura	Farm/Farm women	20	0	20	5	0	5	25	0	25
Agronomy	Crop production	Scientific cultivation of rabi pulse crops	11/01/16 , 12/01/16	2 day	Basugaon	Farmer/Farm woman	22	1	23	2	0	2	24	1	25

Agronomy	Crop Production	Scientific cultivation of Rabi oilseed crops	19/02/16 ,20/02/16	2 days	Molandubi	Farm women/rurual youth	0	0	0	2	28	30	2	28	30
Agronomy	Crop Production	Scientific cultivation of Maize	02/12/16 , 03/12/16	2 days	Majrabari	Farmers/farm women	10	3	13	15	0	15	25	3	28
Agronomy	Crop Production	Scientific cultivation of tuber crops	12/11/16 , 13/11/16	2 days	Saragaon	Farmers/farm women	10	0	10	20	2	22	30	2	32
Horticulture	Protected cultivation	Protected cultivation of vegetable crops	24th -25th Dec'2015	2	Kosulupara primary school	Farmer/Farm woman	6	2	8	0	17	17	6	19	25
Horticulture	Nursery management	Nursery management of vegetable crops	4th Jan'2016	1	Batabari primary school	Farmer/Farm woman	26	0	26	1	0	1	27	0	27
Horticulture	Fruit cultivation	Scientific management of Banana and coconut	27th and 28th Jan'2016	2	Bhutpara primary school	Farmer/Farm woman	0	1	1	13	12	25	13	13	26
Horticulture	Cropping system	Multistoreyed cropping in horticulture	25th Feb'2016	1	Primary school	Farmer/Farm woman	12	2	14	10	1	11	22	3	25
Horticulture	Ornamental horticulture	Commercial cultivation of flower crops	26th and 27th Feb	2	NGO office	Farmer/Farm woman	2	15	17	0	8	8	2	23	25
Ag. Econ	Group dynamics	Marketing of Agricultural produce	18.06.15 19.06.15	Two days	Kashikotra	Farmer/Farm woman	7	17	24	0	01	01	7	18	25
Ag. Econ	Group dynamics	Marketing of Agricultural	22.06.15 23.06.15	Two days	Domgaon	Farmer/Farm woman	07	0	07	19	0	19	26	0	26

		produce														
Ag. Econ	Group dynamics	Marketing of Agricultural produce	16.07.15 17.07.15	Two days	Sidli	Farmer/Farm woman	2	2	4	13	8	21	15	10	25
Ag. Econ	Entreprenreurial development	Entreprenreurial development for economic upliftment	17.08.15 18.08.15	Two days	Amlaiguri	Farmer/Farm woman	0	0	0	12	15	27	12	15	27
Ag. Econ	Entreprenreurial development	Entreprenreurial development for economic upliftment	24.09.15 25.09.15	Two days	Runikhata	Farmer/Farm woman	15	01	16	09	01	10	24	02	26
Ag. Econ	Formation and management of S.H.G	Formation and management of S.H.G	30.09.15	1 days	KVK, Chirang	Rural Youth	0	0	0	11	10	21	11	10	21
Ag. Econ	Formation and management of S.H.G	Formation and management of S.H.G	28.10.15 29.10.15	Two days	Domgaon	Rural Youth	04	0	4	21	0	21	25	0	25
Ag. Econ	Entreprenreurial development	Entreprenreurial development for economic upliftment	31.10.15	1 days	KVK,Chirang	Farmer/Farm woman	38	0	38	08	0	08	46	0	46
Ag. Econ	Formation and management of S.H.G	Formation and management of S.H.G	07.11.15 08.11.15	Two days	KVK,Chirang	Rural Youth	01	0	01	24	0	24	25	0	25
Ag. Econ	Group dynamics	Mushroom cultivation for economic upliftment	21.12.15 22.12.15	Two days	Sialmari	Rural Youth	0	25	25	0	0	0	0	25	0
Ag. Econ	Group dynamics	Market led extension and information	27.01.16 28.01.16	Two days	KVK,Chirang	Extension Functionaries	10	05	15	0	14	14	10	19	29

		networking among farmers													
Ag. Econ	Group dynamics	Market led extension and information networking among farmers	15.02.16 16.02.16	Two days	KVK,Chirang	Extension Functionaries	01	0	01	16	10	26	17	10	27
Soil Science	Soil health management	Soil fertility management in rice based cropping system	26.06.15 To 27.06.15	2 days	South silkhaguri, Saljhora	Farmer/Farm woman	0	0	0	45	5	50	45	5	50
Soil Science	Integrated nutrient management	Integrated nutrient management in rice	11.01.16	1 day	Padmapur	Farmer/Farm woman	0	0	0	24	1	25	24	1	25
Soil Science	Soil & water conservation	Soil & water conservation for sustainable crop productivity	16.01.16	1 day	Banduguri	Farmer/Farm woman	8	0	8	17	0	17	25	0	25
Soil Science	Management of Problematic soils	Management of Problematic soils in rice based cropping system	24.02.16 check	1 day	Kolobari	Farmer/Farm woman	3	0	3	22	0	22	25	0	25
Soil Science	Soil testing	Soil testing , its importance & procedure	15.02.16	1 day	Daisumguri	Farmer/Farm woman	0	0	0	25	0	25	25	0	25
Soil Science	Soil testing	Soil testing , its importance & procedure	24.02.16	1 day	kashikotra	Farmer/Farm woman	0	0	0	17	8	25	17	8	25
Soil Science	Integrated nutrient management	Integrated nutrient management in rice	26.02.16	1 day	Padmapur	Farmer/Farm woman	10	8	18	2	5	7	12	13	25
Plant protection	Integrated pest management	Insect pest management in summer rice	21/07/15 ,22/07/15	2 day	Nimagaon LP School	Farmer/Farm woman	5	0	5	15	0	15	20	0	20
Plant	Biological	Biological	27/08/15	1 day	East	Farmer/Farm	0	0	0	11	16	27	11	16	27

protection	control	control of rice insect pest and diseases			Khamarpara Chirang	woman									
Plant protection	Integrated pest management	Integrated pest and disease management in summer vegetables	29/08/15 , 30/08/15	2 day	North Sukhaipara, Chirang	Farmer/Farm woman	0	0	0	5	20	25	5	20	25
Plant protection	Integrated pest management	Safe and scientific handling of chemical pesticides	21/11/15	1 day	Baghmara club, Chirang	Farmer/Farm woman	15	13	28	0	0	0	15	13	28
Plant protection	Biological control	Utilization of biopesticides in pest and disease management in field crops	18/12/15	1 day	Near maneswari club, Chirang	Farmer/Farm woman	23	2	25	5	1	6	28	3	31
Plant protection	Integrated pest management	Disease and Insect pest management in oilseed crop	7/1/16, 8/1/16	2 day	1 NO. Hulmagaon, Chirang	Rural Youth	0	0	0	25	0	25	25	0	25
Plant protection	Rearing of eri and muga silkworm	Rearing of eri and muga silkworm	17/02/16 , 18/02/16	2 day	Bijni, Chirang	Rural Youth	6	0	6	8	12	20	14	12	26
Plant protection	Integrated pest management	Integrated pest management in winter rice	2/3/16, 3/3/16	2 day	Kashikutra, Chirang	Farmer/Farm woman	15	10	25	0	0	0	15	10	25
Plant protection	Integrated pest management	Rodent pest management in field crops	6/3/16	1 day	Bijni	Extension personals	15	1	16	7	2	9	22	3	25
Plant protection	Mushroom cultivation for economic	Mushroom cultivation for economic	08.03.16-09.03.16	Two days	Runikhata, Chirang	Rural Youth	3	1	4	22	0	22	25	1	26

	upliftment	upliftment													
Plant protection	Scientific beekeeping for increasing agricultural productivity	Scientific beekeeping for increasing agricultural productivity	12.03.16, 13.03.16	Two day	Tukrajhar, Chirang	Rural Youth	5	5	10	8	7	15	13	12	25
TOTAL							308	118	426	474	222	696	782	315	1097

(D) Vocational training programmes for Rural Youth

Crop / Enterprise	Date (From – To)	Duration (days	Area of training	Training title*	No. of Participants									Impact of training in terms of Self employment after training				Whether Sponsored by external funding agencies (Please Specify with amount of fund in Rs.)
					General			SC/ST			Total							
					M	F	T	M	F	T	M	F	T	Type of enterprise ventured into	Number of units	Number of persons employed	Avg. Annual income in Rs. generated through the enterprise	
Oyster Mushroom	07.12.15 to 12.12.15	6days	Mushroom production, value addition and marketing	Entrepreurship development training on mushroom cultivation	8	7	15	7	8	15	15	15	30	Oyster Mushroom Cultivation	15	100	25,000.00	No direct payment, Fooding and lodging by SBI-RSETI, Chirang, All technical work by KVK Chirang,

*training title should specify the major technology /skill transferred

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

On/ Off/ Vocational	Beneficiary group (F/ FW/ RY/ EP)	Date (From-To)	Duration (days)	Discipline	Area of training	Title	No. of Participants									Sponsoring Agency	Amount of fund received (Rs.)
							General			SC/ST			Total				
							M	F	T	M	F	T	M	F	T		
On Campus	F/FW	29/12/2015	1 day	Agronomy	Resource conservation technologies	Protection of Plant varieties and Farmers right Act 2001	66	1	67	31	14	44	97	15	112	PPVFR Authority	40,000.00
OffCampus	F/FW	26/02/2015	1 day	Agronomy	Resource conservation technologies	Protection of Plant varieties and Farmers right Act 2001	16	0	16	48	07	55	64	07	71	PPVFR Authority	40,000.00
Total			**2 days**				**82**	**1**	**`83**	**79**	**21**	**99**	**161**	**22**	**183**		**80,000.00**

3.4. Extension Activities (including activities of FLD programmes) (Please mention specific Extension Activity conducted by the KVK such as Field Day, Kisan Mela, Exhibition, Diagnostic Visit, etc) during 2015-16

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	Insect pest and disease appearance and crop management	-	60	20	10	30	15	10	25	5	0	5	40	20	60
2.	Diagnostic visit	Nursery management	07/07/15, 15/7/15, 12/08/15	15	10	0	10	5	0	5	0	0	0	15	0	15
		False grain hybrid rice, Stem borer in rice	5/08/15, 3/09/15		5	0	5	2	0	2	0	0	0	7	0	7
		Blast of rice	12/09/15		0	0	0	4	0	4	0	0	0	4	0	4
		Brown spot and blast of rice	22/09/15		7	0	7	5	0	5	0	0	0	12	0	12
		Nutrient deficiency in banana and tomato	26/12/15, 01/01/16		3	0	3	5	0	5	0	0	0	8	0	8
		FMD in cattle, piggery	25/12/15, 08/02/16		3	0	3	3	0	3	0	0	0	6	0	6
		Aphid attack in toria	03/01/16, 15/01/16		10	0	10	0	7	7	0	0	0	10	7	17

		Nutrient deficiency in Rabi maize	04/01/16, 31/03/16		16	0	16	0	0	0	0	0	0	16	0	16
3.	Field day	Mushroom cultivation, Toria cultivation, Maize cultivation, Pea cultivation, Cultivation of watermelon, cultivation of wheat, cultivation of lentil, cultivation of pea	08/02/2016, 10/02/16, 31/03/16, 15/02/16,27/03/16, 05/03/16, 01/03/16, 27/02/16	8	155	26	181	172	65	237	15	8	23	342	99	441
4.	Group Discussion	Formation of Milk Cooperative society, formation of Farmers club, formation of Joint liability group	23/04/2015 18/05/2015 19/08/2015	3	30	0	30	0	0	0	0	0	0	30	0	30
5.	Kishan Gosthi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.	Kishan Mela	Kishan mela (Kharif)	12.08.2015	1	122	24	146	152	82	234	0	0	0	274	106	380
		Kishan mela (Rabi)	04.02.2016	1	92	26	118	103	120	223	0	0	0	195	146	341
7.	Film show	SRI, PPVFRA, Piggery, maize cultivation, poultry farming, TPS	06/06/2015 12/08/16 05/12/15 29/12/15, 06/02/2016 21/02/2016, 26/02/16	7	244	70	354	170	85	215	0	0	0	414	155	569
8.	SHG formation		-	10	50	10	60	25	30	55	0	0	0	75	40	115
9.	Exhibition	3nd International Agri Horti Show, Kharif kisan Mela cum Exhibition, Rabi Kisan Mela cum Exhibition, World Environment day	07/01/2016to 09/01/2016, 12.08.2015, 04.02.2016, 05/06/15	4	268	70	338	352	246	598	0	0	0	620	316	936
10.	Scientists visit to farmers	Field visit under FLD/OFT/Training/Other	-	40	11	3	14	20	6	26	0	0	0	31	9	40

	fields	extension activities														
11.	Plant/ Animal Health camp	Animal Health Camp	03/10/15	1	82	10	92	110	25	135	0	0	0	192	35	227
12.	Farm science club	-	12/10/15	1	22	0	22	0	0	0	0	0	0	22	0	22
13.	Ex-trainee Sammelan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14.	Farmers seminar/ workshop	-	12/08/15, 29/12/15, 26/02/16	3	170	40	210	152	82	234	0	0	0	322	122	444
15.	Method demonstration	Production of Oyster Mushrrom(2), nursery raising(2), Application of biofertilizer(2), Pheromon trap(3)	08/02/16, 25/01/16, 18/06/15, 25/06/15, 21/07/15, 10/10/15, 03/08/15, 17/08/15, 29/08/15	9	10	2	12	13	1	14	0	0	0	23	3	26
16.	Celebration of important days	World Environment Day	05/06/2015 (1day)	1	41	11	52	97	26	123	0	0	0	138	37	175
		World Food Day	16/10/2015 (1day)	1	09	11	20	11	57	68	0	0	0	20	68	88
		National Integration day	30/11/15 (1 day)	1	43	5	48	12	2	14	0	0	0	55	7	62
		World Soil Health Day	05.12.2015(1day)	1	71	0	71	98	12	110	0	0	0	169	12	181
		Jai Vigyan Jai Kissan Day	23/12/2015 (1 day)	1	0	05	05	07	26	33	0	0	0	07	31	38
		Independence day	15/08/15	1	10	0	10	9	2	11	0	0	0	19	2	21
		Republic Day	26.01.16	1	5	0	5	7	0	7	4	0	4	16	0	16
17.	Exposure visits	NRC, Pig, ICAR, Rani	21.12.2015	1	0	0	0	14	26	40	0	0	0	14	26	40

		3rd International Agri. Horti Fare	08.02.2016	1	13	09	22	0	18	18	0	0	0	13	27	40
		Assam krishi Unnayan Mela	14.02.2016	1	11	03	14	13	11	24	0	0	0	24	14	38
		Vibrant North East	20.02.2016	1	55	14	69	23	08	31	0	0	0	78	22	100
18.	Electronic media (CD/DVD)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
19.	Extension literature			2	-	-	-	-	-	-	-	-	-	-	-	-
20.	Newspaper coverage	World Soil Health Day, Kisan Mela(Kharif) Kisan Mela(Rabi) PPVRA Programme (2)	06/12/2015 12/08/15 04/02/16 29/12/15, 26/02/16	5	-	-	-	-	-	-	-	-	-	-	-	-
21.	Popular articles	In Ghare pathare and other local news paper	05/05/15, 17/06/15, 25/08/15, 02/12/15, 17/02/16	6	-	-	-	-	-	-	-	-	-	-	-	-
22.	Radio talk	-	-	-	-	-	-	-	-	-		-	-	-	-	-
23.	TV talk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24.	Training manual	-	-	-	-	-	-	-	--	-	-	-	-	-	-	-
25.	Soil health camp	-	05.12.2015	1	67	0	67	180	0	180				247	0	247
26.	Awareness camp	Farmers' Right	16.12.2015	1	66	01	67	31	14	45	02	0	2	99	15	114
			26.02.2016	1	16	0	16	48	7	55	01	0	01	65	7	72
27.	Lecture delivered as resource person	Marketing of Agricultural Produce, Oyster Mushroom Cultivation, Button Mushroom production, Protected cultivation, Scietnific Thiland Ber cultivation, Organic cultivation	23.04.15 25.04.15 27.04.15 28.04.15 26.05.15 20.06.15 06.07.15 08.07.15 10.07.15	9												

28.	PRA		12.05.2015	1	11	14	25	12	13	25				23	27	50
			18.08.2015	1	15	11	26	10	14	24				25	25	50
			23.09.2015	1	13	11	24	13	13	26				26	24	50
			09.12.2015	1	14	09	23	15	12	27				29	21	50
	Farmer-Scientist interaction		12.08.2015	1	122	24	146	152	82	234				274	106	380
			04.02.2016	1	92	26	118	103	120	223				195	146	341
			05.06.2015 16.10.2015	1	41	11	52	97	26	123				138	37	175
			05.12.2015	1	09	11	20	11	57	68				20	68	88
			23.12.2015	1	71	0	71	98	12	110				169	12	181
			05.06.2015 16.10.2015	1	0	05	05	07	26	33				07	31	38
				1	41	11	52	97	26	123				138	37	175
				1	09	11	20	11	57	68				20	68	88
29.	Soil test campaign	Issue of soil health card	05.12.2015	1	67	0	67	180	0	180				247	0	247
30.	Mahila Mandal Convener meet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31.	Any other (Farmers visit to KVK)	-	-	10	150	50	200	100	250	350	50	0	50	250	300	600
Grand Total		**-**	**-**	**212**	**2392**	**544**	**2936**	**2764**	**1676**	**4440**	**77**	**8**	**85**	**5247**	**2168**	**7415**

3.5 Production and supply of Technological products during 2015-16

A. SEED MATERIALS

Major group/class	Crop	Variety	Quantity (qt)	Value (Rs.)	Number of recipient/ beneficiaries		
					General	SC/ST	Total
CEREALS	Rice	Ranjit	1200.0	48,00,000.00	10	1	11
	Rice	TTB-404	400.0	16,00,000.00	5	-	5

	Rice	Gitesh	190.0	7,60,000.00	29	11	40
OILSEEDS	Sesamum	Nogaon local	0.1	1150.00	1	-	1
	Niger	NG-1	28.0	2,24,000.00	1	8	9
	Toria	TS-38	800.0	40,00,000.00	16	20	36
PULSES	Pea	Vatika	100.0	80,000.00	39	-	39
	Lentil	Myetri	160.0	10,40,000.00	13	10	23
VEGETABLES							
FLOWER CROPS							
OTHERS (Specify)	Dhaincha	Local	Incorporated into soil				
	Buckwheat	Local	200.0	6,00000.00	1	33	34

A1. SUMMARY of Production and supply of Seed Materials during 2015-16

Sl. No.	Major group/class	Quantity (ton.)	Value (Rs.)	Number of recipient/ beneficiaries		
				General	SC/ST	Total
1	CEREALS	179.0	71,60,000.00	**44**	**12**	**56**
2	OILSEEDS	82.8	6241150.00	18	28	46
3	PULSES	26.0	1120000.00	52	10	62
4	VEGETABLES					
5	FLOWER CROPS					
6	OTHERS	20.0	6,00000.00	1	33	34
TOTAL		**307.8**	**1,51,21,150.00**	**115**	**83**	**198**

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

Major group/class	Crop	Variety	Numbers (In Lakh)	Value (Rs.)	Number of recipient beneficiaries		
					General	SC/ST	Total
Fruits species	Pineapple	Kew	0.05	20000.00	1	0	1
	Banana	Malbhog	0.0025	2500.00	1	0	1

Ornamental Plants	Dianthus		0.002	1000.00	1	0	1
VEGETABLES	Tomato	Avinash-3	0.0140	4200.00	3	3	6
	Brinjal	Navkiran	0.006	1200.00	2	4	6
	Chilli	Tejaswini	0.003	600.00	3	3	6
	Cabbage	BC-76	0.004	400.00	3	3	6
	Capsicum	California	0.002	400.00	1	0	1
Forest Spp.							
Plantation crops							
Medicinal plants							
OTHERS (Pl. Specify)							

B1. SUMMARY of Production and supply of Planting Materials (In Lakh) during 2015-16

Sl. No.	Major group/class	Numbers (In Lakh)	Value (Rs.)	Number of recipient beneficiaries		
				General	SC/ST	Total
1	**Fruits**	0.052	22500.00	2	0	2
2	**Spices**					
3	**Ornamental Plants**	0.002	1000.00	1	0	1
4	**VEGETABLES**	0.029	6800.00	12	13	25
5	**Forest Spp.**					
6	**Medicinal plants**					
7	**Plantation crops**					
8	**OTHERS (Specify)**					
TOTAL		**0.0835**	**30300.00**	**15**	**13**	**28**

C. Production of Bio-Products during 2015-16

Major group/class	Product Name	Species	Quantity		Value (Rs.)	Number of Recipient /beneficiaries		
			No	(qt)		General	SC/ST	Total
BIOAGENTS								
BIOFERTILIZERS								
1	Vermicompost	*Eisenia foetida*		2.0	2000	-	-	Used in KVK Chirang farm
	Azolla	Azolla caroliniana		1.5	1500	-	-	-
BIO PESTICIDES								
1								
2								

C1. SUMMARY of production of bio-products during 2015-16

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	Vermicompost (*Eisenia foetida*)	-	200	2000	-	-	Used in KVK Chirang farm
		Azolla (*Azolla caroniana*)	-	150	2500	-	-	-
3	BIO PESTICIDE							
	TOTAL	**2**	**-**	**350**	**4500**	-	-	-

D. Production of livestock during 2015-16 : Nil

Sl. No.	Type of livestock	Breed	Quantity		Value (Rs.)	Number of Recipient beneficiaries		
			(Nos)	Kgs		General	SC/ST	Total
	Cattle/ Dairy							
	Goat							

	Piggery							
	Poultry							
	Fisheries							
	Others (Specify)							

D1. SUMMARY of production of livestock during 2015-16: Nil

Sl. No.	Livestock category	Breed	Quantity		Value (Rs.)	Number of Recipient beneficiaries		Total number of Recipient beneficiaries
			Nos	(kg)		General	SC/ST	
1	CATTLE							
2	SHEEP & GOAT							
3	POULTRY							
4.	PIGGERY							
5	FISHERIES							
6	OTHERS (Pl. specify)							
	TOTAL							

3.6. Literature Developed/Published (with full title, author & reference) during 2015-16

(A) KVK News Letter ((Date of start, Periodicity, number of copies distributed etc.):____KVK, Chirang Newsletter (Yearly, Since 2011)_____

(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.			
2.			
3.			
Book/ Book Chapter			
Popular article	1. Commercial broiler farming	Dr. R.B. Kayastha	1
Technical bulletins			
Extension bulletins	Xixur babe bahere toiyari Khjkorha Ahila	Dr. Kameswar Das, Mrs. Mridusmita Barthakur	500
	Marapat khetir Krishi Ahila	Ms. Gautami Kataki, Dr. Kameswar Das	500
Newsletter	Newsletter	Dr. Kameswar Das and other Scientific staff of KVK, Chirang	100

Conference/ workshop proceedings			
Leaflets/folders			
e-publications			
Any other (Pl. specify) Megazine	ABAD	Dr. Kameswar Das and other Scientific staff of KVK, Chirang	200
TOTAL			**1301**

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

(C) Details of Electronic Media Produced

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

3.7. Success stories/Case studies, if any (two or three pages write-up on each case with suitable action photographs)

MR. PRANAB NARAYAN DEV, A ROLE MODEL OF BASUGAON, CHIRANG

Mr Pranab Narayan Dev,son of Mr. Ranjit Narayn Dev of Basugaon under Sidli block of Chirang district in recent years has become a successful young innovative entrepreneur by taking agriculture, dairy farming, poultry farming and fishery farming as a source of livelihood as well as providing income and employment to rural unemployed youths and become role model of Basugaon. Mr. Dev was born in 1980 and crossed his childhood in Basugaon of the district Chirang of Assam. He had passed out Lower primary standard from Basugaon L.P School in 1992 and higher Secondary standard from Basugaon Higher Secondary School, Chirang in the year 2000. Being the son of a renowned farmer of the locality, he got the preliminary knowledge on cultivation of crops from his grand father while working with his grand father in the field. Since his childhood he has been helping his family in cultivation of rice and potato in about 3 ha (22 bigha) of agricultural land along with cultivation of fruits and vegetables of in 0.67 ha of homestead garden. During this period he has developed a heartily bond with agriculture. After completion of higher secondary school education, Mr. Dev joined in Guwahati Marketing Company with posting at Basugaon, Chirang as a field supervisor for potato farming, where he came in to contact with large number of potato farmers during his job. In the year 2007, he came to contact Krishi Vigyan Kendra, Chirang for technical guidance for farmers, but after meeting KVK scientists he got motivated and resigned his company job and make his mind to take agriculture and allied activities as a profession for his whole life. Afterwards, he has build up good relation with the KVK, Chirang and had started attending training programmes organized by KVK, Chirang on different subject matters, which made him sound in agricultural and allied activities technologies. After having the knowledge, he started cultivating Potato in 1 ha of land

scientifically with an net annual income of Rs. 1,00,000.00. Along with this, he also started cultivating of Maize crop about 2 ha leased land from which he had an annual income of Rs. 1,00,000.00 to Rs. 1,60,000.00. Besides these, he also established one ponds covering an area of about 1.5 bigha(0.20ha) of land where he started fish farming and production of fingerlings. A duck farming unit was also established near the fishery, from these sectors he earns about Rs.0.50 lakh annually. Mr Dev and subsequently started dairy farming with rearing improved jersey breed cows (9 Nos.). He has earned Rs.5 lakh annually from dairy sector. On seeing these achievements he got best farmer award during the Independence Day Celebration during 2009. Afterwards, he has build up good relation with the KVK, Chirang arrange KVK training for his locality, KVK Chirang nominated Mr Dev for One month training programmes organized by College of Veterniary Science, Assam Agricultural University, Khanapara, Guwahati on improved dairy farming, which made him more sound in dairy technologies. Mr. Dev has consistently cultivating cereals, fruits as well vegetable crops year after year with an annual income of about Rs. 1 Lakhs and thus become a renowned farmer of Chirang district. Thus, Mr. Pranab Narayan Dev has become an exemplar of professional as well as entrepreneur and an inspirational force to the farmers of the locality in particular and district as a whole.

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

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

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
1	Rice	Beating the upper half of standing rice crop with thorny branches of trees	Controlling leaf folder
2	Rice	Erection of “Tara paat” branches in the rice field	To control case worm attack
3	Rice	Erection of “Germani bon” branches in the rice field	To control case worm attack
4	Rice	Erection of damaged video film in the rice field at the time maturity	To repel birds feeding rice seed

5	Rice	Use of perches in the paddy field so that predatory birds sit on it and can trap insect pests.	Control insect pests.
6	Rice	Broadcasting of outer rind of citrus fruit in the standing water of paddy field to control case worm.	Control case worm
7	Rice	Use of dead frog and crab in the paddy field to repel Gandhi bug.	Repel Gandhi bug
8	Rice	Spraying of fresh cow dung solution in paddy crop to control bacterial leaf blight.	Control bacterial leaf blight.
9	Rice	Application of kerosene oil in standing water of paddy field to control case worm	Control case worm infestation.
10	Seed preservation	Use of neem leaves for controlling storage pests.	Controlling storage pests.
11	Vegetable crops	Spraying of solution of one part of cattle urine and six part of water in vegetable crops to protect against insect pests.	Protect against insect pests.
12.	Rice	Erection of polythene packets in bamboo poles at 3-4 feet distances to repel rodent pests	Rodent pest of cereals
13.	Rice	Application cut pieces of rabab tenga in the field	Reduces leech population
14.	Storage rice	Application of naphthalene balls over the storage bin	Reduces different storage insect pest attack

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

- **Identification of courses for farmers/farm women**
  - a. PRA
  - b. Group Discussion
  - c. Zonal Review Meeting
  - d. Farmers – scientists interaction
  - e. ZREAC meeting
- **Rural Youth**
  - a. PRA
  - b. Group Discussion
  - c. Zonal Review Meeting
  - d. Farmers – scientists interaction
  - e. ZREAC meeting
- **In-service personnel**

a. Zonal Review Meeting

b. ZREAC meeting

3.11 Field activities

i. Number of villages adopted: 08

ii. No. of farm families selected: 72

iii. No. of survey/PRA conducted: 4

3.12. Activities of Soil and Water Testing Laboratory: Not yet established

Status of establishment of Lab :

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

Sl. No	Name of the Equipment	Qty.	Cost
1			
2			
3			
Total			

3. Details of samples analyzed so far :

Details	No. of Samples	No. of Farmers	No. of Villages	Amount (In Rupees) realized
Soil Samples	50	50	10	00
Water Samples	0	0	0	0
Plant Samples	0	0	0	0
Petiole Samples	0	0	0	0
Total	**50**	**50**	**10**	**0**

3.13. Details of SMS/ Voice Calls sent on various priority areas (Through way2 SMS service)

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	15	650	1	155	-	-	-	-	-	-	-	-	16	805

Voice only														
Voice and Text both														
Total	**15**	**650**	**1**	**155**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**16**	**805**

3.14 Contingency planning for 2015-16

a. Crop based Contingency planning

Contingency (Drought/ Flood/ Cyclone/ Any other specify)	Proposed Measure	Proposed Area (In ha.) to be covered	Number of beneficiaries proposed to be covered		
			General	SC/ST	Total
Flood and drought	Introduction of new variety or crop	13.000 ha (6000ha flood affected, 7000ha drought affected)	350	650	1000
Flood and drought	Introduction of Resource Conservation Technologies	Training programme on Resource Conservation Technologies	150	350	500
Flood and drought	Distribution of seeds and planting materials	Rice seedlings	100	200	300
Flood and drought	Any other (Please specify)	Training programmes on alternate activities after flood/drought like mushroom cultivation	150	350	500

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	Piggery = 150Nos Poultry= 500 birds	Training programmes = 8 Nos.	2 Nos.	700 Nos.	150	350	500

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)
Commercial cultivation of Banana, Var. Malbhog through 'corm' as planting material along with recommended doses of fertilizer, treatment of planting material and all plant protection measures	150	59	55,000.00/ha	100,500.00/ha
Scientific method of potato cultivation	70	60	57,000.00/ha	98,000.00/ha
Introduction of HYV of *Sali* rice var. Ranjit with modern cultivation technology viz. time of sowing & transplanting, seed treatment, fertility management, water management and plant protection measures	200	60	21,600.00/ha	50,200.00/ha
Introduction of HYV of Boro rice var. Joymoti and Kanaklata with modern cultivation technology viz. time of sowing & transplanting, seed treatment, fertility management, water management and plant protection measures	132	63	28,000.00/ha	38,500.00/ha
Seed production technique in *Sali* rice (Variety: Ranjit)	50	37	27,000.00/ha	82,000.00/ha
System of rice intensification (SRI) in summer rice	59	65	29,500.00/ha	41,000.00/ha
Improved production technology of lentil	50	20	11,000.00/ha	13,200.00/ha
Rearing of chara chamelli duck	25	25	-	-
Seed production technique in toria (Variety: TS-36, 38 and 46)	22	71	32,000.00/ha	45,000.00/ha
Seed production technique in lentil (Var. PL 406)	25	40	25,500.00 / has	48750.00/ha

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)

1. Since 2009-10, KVK, Chirang has been exploring cultivation technology in silt deposited areas of Bongaigaon district, especially in Aie river bank with potential crop water melon. The crop was cultivated in the several pockets with no to slight scientific intervention. But with continuous efforts of KVK, Chirang famers came to know about the high yielding varieties along with scientific crop management and pest management techniques. Thus farmers were able to earn a ransom every year and now have trying for other cucurbitaceous vegetable like pumpkin, bitter gourd, snake gourd, maize and even Bengal gram. Thus Chowraguri area of Aie river bank has been demarcated as water melon growing hot spot in the locality.
2. Summer rice has been cultivated in limited areas of the district that too, with some unknown, intruded varieties without following proper method of cultivation. KVK, Chirang has been consistently trying to popularize HYVs of summer rice 'Jaymoti' and 'Kanaklata' and their scientific production technology in the district for last five years through on farm testing, front line demonstration and training programme. Because of its continuous effort in this direction, there has been gradual increase in area (Approx. 130.0 ha) under these two HYVs of summer rice and also increase in crop yield (60.0 q/ha). Moreover, with the development of irrigation facility, many farmers have come forward to cultivate summer rice in some new areas also. Further, because of the continuous effort made by KVK, Chirang to popularize SRI technology in summer rice, about 60.0 ha in Kokila village and 10.0 ha in Kayethpara village under Bongaigaon district have been put under summer rice cultivation with system of rice intensification.
3. Quality seed plays an important role in increasing the crop yield; however, seed replacement rate in the district is very low which may be attributed to ignorance of farmers on seed production technology. KVK, Chirang has been working hard to popularize seed production technology in rice in the farmer's field through training programme, front line demonstration programme, advisory services etc. since inception. About 140.0 ha area was brought under seed production programme of kharif rice (var. Ranjit) and which produced 3000.0 q quality certified seed during kharif, 2012, inspite of damage by flood in 40.0 ha area. During 2012-13, seed production in summer rice was extended to Nowapara part I, Bongaigaon, Assam with summer rice (var. Kanaklata & Joymoti) cultivation in about 34.0 ha area for the first time.
3 *Kharif* rice is the most important crop of the district which occupies more than 70% of the total rice growing areas. Adoption of improved production technology of Kharif rice in the farmers' field is not yet satisfactory and KVK, Chirang is trying hard to popularize improved technology through various activities like training, front line demonstration, on farm testing, advisory service etc. Because of the sincere effort, farmers have started adopting improved production technology of Sali rice especially in respect of quality seed, fertility management and pest management. At present HYV of *Kharif* rice is cultivated more than 40% of rice growing areas of the district. Considering the high yield potential of HYVs of Sali rice, it is expected that more farmers will come forward to adopt these varieties in near future.
4 Potato is an important vegetable crop of the district and necessary technologies required for obtaining higher yield has been initiated by the scientists of KVK, Chirang. Many farmers have adopted scientific cultivation practices of potato after receiving necessary helps and guidance from the scientists of KVK, Chirang and could harvest higher crop yield. KVK, Chirang has been demonstrating irrigation management technology in potato since 2007-08 which has become a popular technology among the potato growing farmers of KVK operational areas.

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Improved production technology of summer rice (Var. Kanaklata)	55	50%	28,000.00/ha	56,000.00/ha
Seed production technique in kharif rice (Variety: Ranjit)	300	50%	28,000.00/ha	76,000.00/ha
Seed production technique in toria (Variety: TS-36& 38)	15	63%	30,000.00/ha	45,000.00/ha
Seed production technique in lentil (Var. PL 406)	117	35%	24,000.00 / has	48750.00/ha
Improved cultivation practices in water melon (Var. Sugar Baby)	15	90%	2,66,,060.00/ha	4,80,460.00 /ha
Improved cultivation practices of rabi maize	20	40%	50000.00 /ha	70000.00 /ha
Improved cultivation practices of Sali rice var: TTB404	10	35%	27000.00/ha	70000.00/ha

5.0. LINKAGES ESTABLISHED

5.1 Functional linkage with different organizations

Name of organization	Nature of linkage
1. Department of Agriculture, Chirang	i) NAEP on Rabi field crops ii) Technology Mission for Horticultural crops iii) Mission Double Cropping iv) Supply of seed for BGREI programme v) PRA for preparation of SREP, Chirang district vi) Technical support for BGREI programme vii) Association KVK scientist as resource person viii) Programme formulation and execution under CSS-ATMA
2. Directorate of Agriculture, BTC, Kokrajhar	i) Preparation of Impact point for BTAD at Bimonthly Zonal Workshop
3. Department of Veterinary, Bongaigaon	i) Association KVK scientist as resource person ii). Collaborative training programme organization
4. DICC, Chirang	i) Entrepreneurship development through training
5. RSETI, SBI, Kajalgaon	i) Organization of vocational training programmes for self-employment of Rural Youths
6. NABARD	i) Involvement of KVK scientists as resource person in training programmes
7. DRDA	i) Involvement of KVK scientists as resource person in training programmes
8. SIRD, Khanapara	i). Organization of sponsored training programme

	ii). Association KVK scientist as resource person iii). Carrying out of sponsored action research programme in veterinary
9.KASS and NASS	i) Organization of training programmes ii) Technology demonstration cum seed production ofToria,
10. NGO 'SeSTA'	i) Upliftment of rural community through programmes planning, identification of beneficiaries and execution of training, demonstration and awareness programmes ii) Attending the Annual Meeting
11. NGO 'Ant'	
12. NGO 'Satra'	
13. NGO 'Sahaj'	
14. Anjali SHG	i) Organizing training and demonstration programmes for economic upliftment of SHGs
15. Rosy SHG	
16. Bornali SHG	
17. Funbeli SHG	
18. Mithinga SHG	Animal Vaccination and Health Camp
19. Wildlife Trust of India	i). Collaborative training to the extension functionaries
20. PPVFR Authority	i). Collaborative awareness cum training programme on PPV&FR Act 2001
21. SSB, Banduguri, Chirang	Collaborative awareness cum training programme.

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 2015-16

Name of the scheme	Activity	Date/ Month of initiation	Funding agency	Amount (Rs.)
TSP "Promotion of agricultural centric sustainable livelihood security for tribal farmers of Assam" (Sidli Block, Chirang)	Upliftment of tribal community	01.04.2013	Central Govt. of India	7000000
Awareness cum training	Training	06.12.15	PPVFRA, Govt. of India	80000
FPARP	ORP	01.12.2014	FPARP, AAU	2625
RKVY (Pulse)	Foundation seed production	01.11.2014	RKVY, Govt. of Assam	-
Technology Showcasing	Seed production	01.11.2009	Govt. of Assam	-
Cluster demonstration on pulse	FLD	Oct, 2016	ICAR	150000
Cluster demonstration on oilseed	FLD	Oct, 2016	ICAR	1200000

5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

Sl. No.	Programme	Nature of linkage	Remarks
1.	Programme Planning	Expert opinion as a member of Governing Body	
2.	Training Programmes	KVK scientists act as Resource Persons in the training programmes organized under ATMA	
3.	Farm School	KVK scientists act as Resource Persons	
4.	Farmers – Scientists interaction	KVK scientists act as Resource Persons	

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

S. No.	Programme	Nature of linkage	Constraints if any

5.5 Nature of linkage with National Fisheries Development Board Nil

S. No.	Programme	Nature of linkage	Remarks

6. PERFORMANCE OF INFRASTRUCTURE IN KVK DURING 2015-16

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 (Expected)	
1	Azolla unit	2012-13	48.0 m^2	*Azolla carolinia*	Fresh azolla	2.5 q/yr	200.00	2500	-
2	Vermicompost unit	2012-13	54.45 m^2	*Eisenia foetida*	Vermicompost	3.5 q/yr	-	3500	Vermicompost produced was used in KVK Chirang farm

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									
Wheat									
Maize									
Any other									
Pulses									
Green gram									
Black gram									
Arhar	20.05.15		0.065	T-21	Seed			0	Crop damaged by heavy rainfall
Lentil									
Ay other									
Oilseeds									
Toria	12.11.15	15.02.15	0.13	TS-36	Seed	0.2	500.00	1000.00	
Seasamum	29.09.15		0.5	Nowgaon local	Seed	0.10qt	800.00	1150.00	Low yield due to crop damaged by water stagnation
	22.03.16	-	2.0	TKG308	Seed	-	-	-	Sowing completed
Niger	19.10.15	5.02.15	1	NG-1	Seed	0.60 qt	4342.00	6000.00	
Any other 1.Buckwheat	02.11.15	12.02.15	2	Local	Seed	1.0qt	4290.00	5000.00	
2.Dhaincha	20.04.15			Local	Green manure	-	-	-	Incorporated into the soil
Fibers									
i.									
ii.									
Spices & Plantation crops									
i.									
ii.									
Floriculture									
i.Dianthus	07.11.15	10.01.15			Seedling	200 Nos.		1000.00	
Fruits									

i. Pineapple	Replantation in 08.10.15	Expected harvesting on June-July	0.13	Kew	Sucker	5000 Nos.	10000.00	2000.00	Expected suckers
ii. Pineapple	Existing	-	0.26	Kew	Fruit & sucker	13.86 qt &5000 nos suckers		20000.00	Ratoon crops
iii.Banana	Existing	-	0.13	Malbhog	Fruit & Sucker	9.7qt & 250 nos sucker		22323.00	
	New plantation		0.065	Malbhog	Fruit & Sucker		2100.00		
Vegetables									
i. Tomato(Seedling)	20.09.15	16.10.15		Avinash-3	Seedling	1400 Nos	1500.00	4200.00	
ii. Tomato(fruit)	26.10.15	31.01.16	0.065	Avinash-3	Fruit	1.9 qt	4025.00	1521.00	0.85qt loss due to infestation of late blight, pesticide not sprayed as fruit is on maturity stage at that time
iii. Brinjal (seedling)	20.09.15	21.10.15		Navkiran	seedling	600 Nos	200.00	1200.00	
iv. Brinjal (fruit)	20.10.15	10.01.16	0.026	Navkiran	Fruit	0.2 qt	200.00	300.00	Harvesting continued
v. Chilli	20.09.15	15.11.15		Tejaswini	seedling	300 Nos	400.00	600.00	
vi. Chilli	17.01.16	17.01.16	0.026	Tejaswini	Fruit				Flowering stage
vii. Cabbage	20.09.15	18.10.15		BC-76	Seedling	400 Nos	190.00	400.00	
viii.Potato	21.11.15	21.02.16	0.065	K.jyoti	tuber	1.qt	500.00	1000.00	
ix. Capsicum	12.02.16	20.03.16	-	California	seedling	200 nos.	200.00	400.00	
x. Okra	28.02.16	-	0.065	Bashanti	Fruit	-	-	-	Seedling stage

Others (specify)									

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	Azolla	2.5 q	200.00	-	-
2	Vermicompost	2.0 q	-	-	Vermicompost produced was used in KVK Chirang farm

6.4 Performance of instructional farm (livestock and fisheries production) **No livestock in the farm**

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

6.5 Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit : **Nil**

Date	Title of the training course	Client (PF/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 2014-15

Accommodation available (No. of beds) : No hostel facilities in the KVK premises

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			
With KVK	State Bank of India	BRPL Complex, Dhaligaon	0010266315899
Revolving Fund	State Bank of India	BRPL Complex, Dhaligaon	0031766578300

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

Item	Released by ICAR/ZPD		Expenditure		Unspent balance as on 28st February, 2016
	Year	Year	Year	Year	
Inputs					
Extension activities					
TA/DA/POL etc.					
TOTAL					

7.3 Utilization of KVK funds during the year 2015 -16(up to 28th February, 2016)

Sl. No.	Particulars	Sanctioned (in Lakh)	Released (in Lakh)	Expenditure (in Lakh)
A. Recurring Contingencies				
1	**Pay & Allowances**	79.25	78.89,384	78.89,384
2	**Traveling allowances**	1.80	1.59660	1.59660
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	15.10	10.73205	10.73205
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)		**96.15**	**91.22249**	**91.22249**
B. Non-Recurring Contingencies				
1	**Works (Storing Unit)**	-	-	-
2	**Equipments including SWTL & Furniture**	4.0	-	-
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)		**100.15**	**91.22249**	**91.22249**

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 2013 to March 2014	Rs.70,175.00	Rs.90,543.00	Rs.27,580.00	Rs.1,33,138.00
April 2014 to March 2015	Rs.1,33,138.00	Rs.1,27,307.00	Rs.1,07,805.00	Rs.1,52,640.00
April 2015 to March 2016	Rs.1,52,640.00	Rs. 29,341.00	Rs. 10,000.00	Rs. 1,71,981.00

Note: No KVK must leave this table blank

8.0 Please include information which has not been reflected above.

(Write in detail)

(a) Administrative

* Frequent bandh called by various organizations often disturbs functioning of KVK

(b) Financial

* Allocation of fund for trainee's meal and training material is not sufficient

(c) Technical

* Other than mandated activities affect KVK's normal function.

Programme Coordinator
KVK, Chirang