PROFORMA FOR ANNUAL REPORT OF KVKS, 2011-12

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, Dhemaji Assam Agricultural University P.O.- Silapathar District.- Dhemaji Assam, PIN-787 059	NA	NA	kvkaau_dhemaji@rediffmail.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, Assam PIN-785 013	0376-2340001, 2340013	0376-2340001	vc@aau.ac.in

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Mr. Horindra Gogoi	-	9435794748	horindra @gmail.com

1.4. Year of sanction: 2005

1.5. Staff Position (As on 31st March, 2012)

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	Mr. Horindra Gogoi	Programme Coordinator (I/c)	Agril. Econ	15600-39100/-	22250 /	06.11.08		OBC
2	Subject Matter Specialist	Mr.Gunjan Gogoi	Subject Matter Specialist	Plant Pathology	15600-39100/-	23610 /	07.11.08		OBC
3	Subject Matter Specialist	Mrs. Yater Das	Subject Matter Specialist	PBG	15600-39100/-	23610 /	11.11.08		SC
4	Subject Matter Specialist	Dr. Ashim Kumar Saikia	Subject Matter Specialist	Animal Sc.	15600-39100/-	21600 /	03.08.11		OBC
5	Subject Matter Specialist	Mr. Horindra Gogoi	Subject Matter Specialist	Agril. Econ	15600-39100/-	22250 /	6-11-08		OBC
6	Subject Matter Specialist	-							

7	Subject Matter Specialist	-							
8	Programme Assistant	Mr. Swapan Kumar Sarma	Programme Assistant	Nematology	8000/-35000/	12900/	06-09-11		GEN
9	Computer Programmer	Mr. Pranabesh Barman	Computer Programmer		8000-35000/-	16300/-	14-11-08		SC
10	Farm Manager	Mr. Satya Nath Deka	Farm Manager	Plant Pathology	8000/-35000/	15820/	12-01-09		OBC
11	Accountant / Superintendent	Mr.Pradip Deori	Accountant cum Superintendent	Accountancy	8000/-35000/	12900/	27-02-12		ST
12	Stenographer			-					
13	Driver	Mr. Durgadhar Deori	Driver cum Mechanic	-	5200/-20200/	7400/	21-02-12		ST
14	Driver	Mr. Raju Konch	Driver cum Mechanic	-	5200/-20200/	7400/	21-02-12		OBC
15	Supporting staff	Mr. Samel Barla	Grade -iv	-	5200/-20200/	9190/			ST
16	Supporting staff	-							

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	9.0
2.	Under Demonstration Units	1.5
3.	Under Crops	7.0
4.	Orchard/Agro-forestry	8.0
5.	Others (specify)	1.5

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR				April, 2009	547	Roof level
2.	Farmers Hostel	ICAR				-do-	305	Post plate level
3.	**Staff Quarters**	ICAR				-do-		
	Programme Coordinator						110	Post Plate level
	SMS(2)						75x 2	Post Plate level

	Prog. Asstt.(twin)						50 x 2	Roof level except front verandah
	Grade IV						38	Post Plate level
4.	Demonstration Units(2)							
5.	Fencing							
6.	Rain water harvesting system							
7.	Threashing floor							
8.	Farm Godown							

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Mahindra Max	2010	505176.00 (including VAT)	25,000 km	Good

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Computer and accessories	2008	54,626.00	Good
Desktop Computer HP DX 2280- 1 No.			
Monitor CRT 17" HP - 1 no.			
Laser Printer HP LJ 1505N			
Scanner HP SG 2410			
Chair Model No. CH-7B – 4 nos.	2008	44,053.00	Good
Chair Model PCH 700 ID- 1 No.			Good
Reck – 1 NO.			Good
Storewel Model-2 1 No.			Good
Table Model T9--- 1 No.			Good
UPS Uniline 1 KVA 800 VAH	2008	10,620.00	Good
PlasticTable (2 nos.)- Model Neelkamal	2009	4000.00	Good
Plastic chair Neelkamal without arm-Model 4002--- 10 nos	2009		Good
Plastic chair Neelkamal with arm--- 10 nos	2009	2700.00	Good
Uniline 800 VA FB LI UPS (2 nos.)	2010	11,929.00	Good
Desktop computer Make and Model HP-DX-2000 series (2 nos.)		55,094.00	Good
LCD Monitor 15" HP (2 nos.)	2010	-	Good
Laser printer HP LJ P 1007 – 1 no.	2010	5,475.00	Good
Scanner HP G2410-1 no.	2010	2724.00	Good
Digital Camera- Sony (DSC-WX1)	2010	19,000.00	Good
Fax Machine Make Brother Model-2820	2010	15,190.00	Not installed
LCD Projector Make Sony	2010	98,331.00	Good
Photo copier along with 2 KVA Voltage Stabilizer	2010	1,01,920.00	Good
Full secretariat table- 6 nos.	2010		Good

1.8. A). Details SAC meeting* conducted in the year: Nil

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.				
2.				

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

2. DETAILS OF DISTRICT

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

S. No	Farming system/enterprise
1	Rice-Fish-Vegetables
2	Livestock-Fish-Horticulture
3	Dairy-Vermicompost-Fish-Vegetables
4	Sericulture-Livestock-Horticulture

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

S. No	Agro-climatic Zone	Characteristics
1	North Bank Plains Zone	The soil is developed on alluvium derived from the adjacent Himalayan rang by the river Brahmaputra and its tributaries. The soils are mostly sandy loam having medium to high Nitrogen, low in Phosphorus and medium in Potassium content. The pH of the soil varies from 4.8 to 6.0. The topography of the soils is mostly medium land in the plain areas being chronically flood affected. Low land areas towards riverine tract are submerged or flooded due to high rainfall during rainy season. The foot hill region is characterized by undulating topography.

No	Agro ecological situation	**Characteristics**
1	Medium land	Generally flood free but occasionally submerged due to high rainfall. Soils are mostly acidic, clay loam in texture with medium in nitrogen, low in phosphorus and medium in potassium content.
2	Low and Flood affected	Flood plain submerged almost whole rainy season. Soils are mostly acidic, sandy loam in texture with medium in nitrogen, low in phosphorus and medium in potassium content.
3	Silt deposited area	Flood plain having silt deposition, occasionally submerged. Soils are mostly acidic, silty loam in texture with medium in nitrogen, low in phosphorus and medium in potassium content.
4	Sand deposited area	Flood plain having sand deposition, occasionally submerged. Soils are mostly acidic, sandy in texture with micro nutrient deficiency, medium in nitrogen, low in phosphorus and medium in potassium content. Mild iron toxicity persist.
5	Foothill	Undulating topography. Soils are acidic in nature, sandy in texture with micro nutrient deficiency, medium in nitrogen, low in phosphorus and medium in potassium content.

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1.	Clay	Heavy soil with high organic matter, high C:N ratio, high nitrogen content with medium in phosphorus and potassium content. High water holding and nutrient holding capacities.	27,346
2.	Clay loam	Light heavy soils with medium to high organic matter, high C:N ratio, medium to high nitrogen content with medium in phosphorus and potassium content. High water holding and nutrient holding capacities.	60,997
3.	Alluvial	Medium soils with medium in organic matter, low C:N ratio, medium in nitrogen, phosphorus and potassium content.	13,313

4.	Sandy loam	Light soil with low in organic matter, low in nitrogen, phosphorus and potassium content.	1,37,552
5.	Sandy	Light soil with low in organic matter, low in nitrogen, phosphorus and potassium content.	62,106

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

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (kg /ha)
1	Autumn paddy	7020	105440.4	1502
2	Winter paddy	53144	1108052.4	2085
3	Summer paddy	4240	92940.8	2192
4	Sesamum	138	621.0	450
5	Rapeseed and Mustard	18210	87408.0	480
6	Greengram	75	300.0	400
7	Blackgram	1018	5293.6	520
8	Pea	395	2449.0	620
9	Potato	5850	460512.0	7872
10	Kharif vegetable	954	107325.0	11250
11	Rabi vegetables	4850	281494.0	5804

2.5. Weather data

Month	Rainfall (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	
April	366.99			
May	280.04			
June	574.83			
July	673.91			
Aug	452.29			
Sept	405.29			
Oct	36.06			
Nov	10.04			
Dec	12.7			
Jan	28.73			
Feb	2.54			
March	49.56			

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

Crossbred	1200	0.4 m Litre.	3.2 lit/cow/day
Indigenous	465000	42 m lit	0.75 l/cow/day
Buffalo	15000	3.4 m lit.	2.30 l/cow/day
Sheep			
Crossbred			
Indigenous			
Goats	120000	0.09 m kg	12 kg/animal
Pigs			
Crossbred			
Indigenous	134000	0.64 m kg	50 kg/animal
Rabbits			
Poultry			
Hens	442000	7.00 m nos eggs, 42 t kg	80 nos. bird/year, 1.20 kg /bird
Desi			
Improved			
Ducks	170000	2.7 m nos., 24 t kg	80 nos. bird/year, 1.40 kg

			/bird
Turkey and others			

Category	**Area(ha)**	**Production (in tones)**	**Productivity(q/ha)**
Fish	12454	1442	0.42
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

2.7 Details of Operational area / Villages (2011-12)

Sl. No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified thrust area
1		Jonai	Baghgaon	Sali paddy, Vegetables, Cattle rearing, pig rearing	Lack of knowledge on fertilizer application, plant protection, crop management, scientific rearing of Dairy cattle, pig and backyard poultry and adoption of local cultivars	Crop production, crop health management, Management of livestock
2			Lamajan	Sali paddy, ahu paddy, vegetables, Ginger, Turmeric, piggery	Lack of knowledge on scientific crop production, high yielding variety, non scientific management of livestock	Crop production, crop health management, Management of livestock
3			Oiramghat	Kharief pulse, Sali rice, vegetables, potato, piggery, duckery	Lack awareness on high yielding varieties, fertilizer use and plant protection, non scientific management of livestock and use of low yield local breeds	Crop health management, crop and soil health management, livestock production
4			Sonapur	Rice, goatery, piggery, vegetables, pulse	Lack of knowledge Cattle rearing, breed up gradation, plant protection	Livestock resource management, crop health management

5			Somkong	Maize, paddy, rabi vegetables, potato, mustard, pig rearing	Lack of skill on improved cultivation practices, feed and disease management of livestock	Crop production, crop health management, Management of livestock
6			Loglung	Rice, lentil, Mustard, Vegetables, fish production, poultry and pig rearing	Lack of awareness on IFS, Post harvest management, crop protection of Sali rice, vegetables, Formation and management of SHGs	Resource management, crop health management, group dynamics, livestock management
7			Jonai	Sali rice, Mustard, Piggery, Banana	Lack of knowledge and skill on resource based income generating activities, non adoption of HYV	Resource management, crop production, group dynamics,
8		Sissiborgaon	Gai Deori gaon	Sali rice, Piggery,Rabi Vegetables	Lack of skill on improved cultivation practices, feed and disease management of pig	Crop management, Livestock health management, Resource based income generating activities
9			Shyamjuli	Sali rice, Betelvine, Arecanut, Sugarcane, Backyard poultry, Goatery	Improper practice in disease and pest management of crop, lack of knowledge on group dynamics, backyard poultry and goatery management	Crop production Crop health management, Group dynamics, Livestock management
10			Nalbari	Sali paddy, Rabi vegetables,	Improper practice in disease and pest management of crop	Crop health management, crop production

11			Bhairabpur	Rabi and Kharif vegetables, Potato, Boro paddy, Sali paddy, Fisheries, cattle rearing, Poultry, Duckery, piggery	Lack of knowledge on soil health management, disease and pest management, IFS, feed and fodder management of livestock, care and management of livestock	Crop production, crop and soil health management, Resource management, Livestock production, IFS, Livestock health management, Fish production
12			Manikpur	Rabi and Kharif vegetables, Potato, Boro paddy, Sali paddy, Fisheries, cattle rearing, Poultry, Duckery, piggery	Lack of knowledge on soil health management, disease and pest management, IFS, feed and fodder management of livestock, care and management of livestock	Crop production, crop and soil health management, Resource management, Livestock production, Beed introduction and up gradetion IFS, Livestock health management, Fishery management
13			Jariguri	Sali paddy, Rabi and Kharif vegetables, cattle rearing, Poultry, Duckery, piggery	Lack of knowledge on soil health management, disease and pest management, feed and fodder management of livestock, care and management of livestock	Crop production, crop and soil health management, resource management, livestock production, IFS, Livestock health management
14			Sili asomiya gaon	Sali paddy, Vetavles, Mustard, Betelvine, Arecanut, Coconut, Piggery, Poultry	Lack of knowledge on improve cultivation practice, HYV, IPM, son scientific rearing of pigs and poultry	Crop production, crop and soil health management, , Livestock production, Livestock management
15			Borpathar	Sali paddy, Mustard, Potato, Piggery, Poultry	Imbalance use of fertilizer, Lack of HYV, Lack on Care and management of pig, Poultry management	Crop management, crop health management, Livestock management

16			Nalanichuk	Sali Paddy, Betelvine, Potato, Pig rearing	Non adoption of HYV, Scientific cultivation practices, traditional management of livestock	Crop production, Soil and crop health management, Livestock production.
17			Lachit nagar	Sali rice, Kitchen gardening, backyard poultry, piggery	Non adoption of HYV, Scientific cultivation practices, traditional management of livestock	Crop production, Soil and crop health management, Livestock health management
18			Lamapale	Sali rice, Sugarcane, Piggery, Goattery, Poultry, Vegetables	Non adoption of HYV, lack of knowledge on Scientific rearing of livestock	Crop production, Crop management, Livestock production and management
19			Khonamukh	Sali paddy, Ahu paddy, Vegetables, backyard poultry	Lack of knowledge on fertilizer application, soil test, disease and pest management and lack of knowledge on child management	Crop production, soil and crop health management, Livestock health management,Human resource management
20			Amguri	Sali paddy, Bao paddy, Sali paddy coconut, arecanut, cattle rearing	Imbalance use of fertilizer, lack of knowledge on IPM, Scientific rearing of livestock	Crop production, Crop and soil health management, livestock production
21			Dimow golai	Sali rice, Sugarcane, Betelvine, Rabi vegetables,	Imbalance use of fertilizer, lack of knowledge on IPM, Scientific rearing of livestock	Crop production, Crop and soil health management, Livestock production and disease menegement
22			Majgaon	Rabi vegetables, Sali paddy, Mustard, Pea, Banana, backyard rearing of poultry	Lack of awareness on avenues of self employment, improper use of fertilizer, plant protection, non scientific rearing of livestock	Resource management, Capacity building and group dynamics, crop management , Livestock management

23			Akajan	Rabi and Kharif vegetables, Arecanut, Betelvine, Banana, Sali paddy, poultry, piggery	Imbalance use of fertilizer, improper plant protection measures, Lack of awareness on avenues of self employment, lack of knowledge on disease management in pigs, poultry	Soil and crop health management, Resource management, Entrepreneurship development, Disease management in poultry and piggery
24			Kafalani	Sali paddy, Rabi and summer vegetables, Arecanut, Betelvine, Fishery, Cattle rearing	Lack of knowledge IPM, HYV, method of fertilizer use, scientific fish rearing, cattle rearing, Value addition of produce	Crop production, Crop health management, soil health management, Crop production, Fish production, value addition, Livestock management
25			Salakhani	Sali paddy, Rabi and summer vegetables, Arecanut, Betelvine, Fishery, Cattle rearing, Poultry	Lack of knowledge IPM, HYV, method of fertilizer use, scientific fish rearing, cattle rearing, Value addition of produce	Crop production, Crop health management, soil health management, Crop production, Fish production, value addition, Livestock management
26			Jyotinagar	Sali paddy, Kitchen garden, Arecanut, Coconut, Betelvine	Lack of knowledge on income generating activities, resource management,	Resource management, Mushroom production, Kitchen gardening, Entrepreneurship development,
27			Arney Chapori	Sali paddy, Ahu paddy, Mustard, Kharif Pulse, Poultry Piggery, Goattery Vegetable production	Lack of knowledge IPM, HYV, method of fertilizer use, scientific rearing of Pig, Poultry, Goat, Value addition of produce	Crop production, Crop health management, soil health management, Crop production, Livestock production and management
28			Kathalguri	Ahu rice, Sali rice, Potato, Sugarcane, Rabi Vegetables, Backyard poultry	Lack of knowledge improved method of cultivation, IPM, HYV, method of fertilizer use, scientific rearing of Goat, and poultry	Crop health management, soil health management, Crop production, Resource management Livestock production and management

29		Machkhowa	Borpak	Sali paddy, Ahu paddy, Bao paddy, Mustard, Kharif Pulse, Rabi and Summer vegetables, Sericulture, Arecanut, Coconut, Betelvine, Poultry Piggery, Goattery	Lack of knowledge on HYV of rice, pulse and mustadr, improved cultivation practices, IPM, INM. Lack of knowledge on scientific rearing and management of pigs,poultry and goat, Feeds and fodder production, Fishery management.	Crop production , Crop health management, soil health management, Resource management, Fish production, value addition, Livestock production, Disease management in livestock. Fodder production. Breed introduction and Up gradation, Fish production, Sericulture crop management
30			Bilotia	Sali paddy, Rabi and summer vegetables, Arecanut, Betelvine, Fishery, Cattle rearing, Poultry, Piggery	Lack of knowledge IPM, HYV, method of fertilizer use, scientific fish rearing, cattle rearing, Lack of awarness on improved cultivation practice	Crop production, Crop health management, soil health management, Crop production, Fish production, Livestock production amd management, Breed introduction and Up gradation
31			Dologuri	Sali paddy, Rabi and summer vegetables, Arecanut, Betelvine, Fishery, Cattle rearing, Poultry, Piggery	Lack of knowledge IPM, HYV, method of fertilizer use, scientific fish rearing, cattle rearing, Value addition of produce	Crop production, Crop health management, soil health management, Crop production, Fish production, Livestock management
32			Deogharia	Sali rice, Ahu rice, Bao rice, Mustard, Kharif pulse, Rabi vegetables, Piggery, Poultry, Dairy, Sericulture, Betelvine, Arecanut, Banana, Bamboo	Lack of knowledge of HYV, INM, IPM, Lack of knowledge on scientific rearing and management of pigs,poultry goat and cattle, Feeds and fodder production, Fishery Sericulture crop management.	Crop production , Crop and soil health management, Resource management, Value addition, Livestock production, Disease management in livestock. Fodder production. Breed introduction and Up gradation, Entrepreneurship development, Integrateted farming, Fish production, Sericulture crop management

33			Dighal gora	Sali rice, Mustard, Kharif pulse, Rabi vegetables, Piggery, cattle, poultry, Sericulture, Betelvine, Arecanut, Banana	Lack of knowledge of HYV, fertilizer application methods, IPM, nonavailibility of high yielding muga crop, diversion of muga rearing to tea cultivation,	Crop management, Disease management Poultry management, piggery management, Crop and soil health management, IFS
34			Butikur	Sali rice, Ahu rice, Mustard, Rabi vegetables, Piggery, cattle, poultry, Betelvine, Arecanut, Banana,	Managing group dynamics, IPDM in banana	Poultry management, piggery management, Crop and soil health management, IFS
35		Bordalani	Bhebeli Sonowal	Sali rice, Ahu rice, Summer and rabi vegetables, Ginger Turmeric, Tea, Assam lemon, Arecanut,Betel vine, piggery, poultry, Goattery, Duckery, Fishery,	Lack of knowledge of HYV, INM, IPM, Lack of knowledge on scientific rearing and management of pigs,poultry goat and cattle, Feeds and fodder production, Lack of knowledge on fish pond management	Crop production, Crop and soil health management, Resource conservation and management, Group dynamics, Livestock production and management, Fodder production, Poultry management, . Breed introduction and Up gradation, Entrepreneurship development, Integrateted farming, Fish production
36			Borbhila bhebeli	Sali rice, Ahu rice, Summer and rabi vegetables, Ginger Turmeric, Assam lemon, Arecanut,Betel vine, piggery, poultry, Goattery, Duckery, Fishery,	Lack of knowledge of HYV, INM, IPM, Lack of knowledge on scientific rearing and management of pigs,poultry goat and cattle, Feeds and fodder production, Lack of knowledge on fish pond management	Crop production, Crop and soil health management, Resource conservation and management, Group dynamics, Livestock production and management, Poultry management, . Breed introduction and Up gradation, Entrepreneurship development, Integrateted farming, Fish production

37			Bhebeli Deori gaon	Sali rice, Ahu rice, Summer and rabi vegetables, Turmeric, Assam lemon, Banana, Arecanut,Betel vine, piggery, poultry, Goattery, Duckery, Fishery,	Lack of knowledge of HYV, INM, IPM, Lack of knowledge on scientific rearing and management of pigs,poultry goat and cattle, Feeds and fodder production, Lack of knowledge on fish pond management	Crop production, Crop and soil health management, Resource conservation and management, Group dynamics, Livestock production and management, Fodder production, Poultry management, . Breed introduction and Up gradation, Entrepreneurship development, Integrateted farming, Fish production
38			Kaupatani	Sali paddy, Rabi and summer vegetables, Arecanut, Betelvine, Fishery, Cattle rearing	Lack of knowledge IPM, HYV, method of fertilizer use, scientific fish rearing, cattle rearing, Value addition of produce	Crop production, Crop health management, soil health management, Crop production, Fish production, value addition, Livestock management
39			Joyrampur	Sali paddy, Rabi and summer vegetables, Arecanut, Betelvine, Fishery, Cattle rearing	Lack of knowledge IPM, HYV, method of fertilizer use, scientific fish rearing, cattle rearing, Value addition of produce	Crop production, Crop health management, soil health management, Crop production, Fish production, value addition, Livestock management
40			Adut	Sali paddy, Ahu paddy, Bao Paddy, Summer paddy, Ginger, Turmeric, Rabi vegetables, Mustard, Piggery, Backyeard poultry,	Lack of knowledge of HYV,INM,IPM and improved cultivation practice. Lack of awareness on Pesticide use, Improper management of piggery and poultry,	Crop production, Crop management, Crop and soil health management, Resource management, Entrepreneurship development, Piggery management, Breed introduction of livestock.

41			Naharbari	Sali paddy, Ahu paddy, Bao Paddy, Summer paddy, Ginger, Turmeric, Rabi vegetables, Mustard, Piggery, Backyeard poultry,	Lack of knowledge of HYV,INM,IPM and improved cultivation practice. Lack of awareness on Pesticide use, Improper management of piggery and poultry,	Crop production, Crop management, Crop and soil health management, Resource management, Entrepreneurship development, Piggery management, Breed introduction of livestock.
42		Dhemaji	Moridhal	Sali paddy, Sericulture, Piggery, Backyeard poultry, Fishery, Vegetables		Crop production, Sericulture crop management, , Fish production, Livestock management, Entrepreneurship development

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during 2011-12

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
Crop Production	3	2	9	6	2	3	6	14
Horticulture	2	3	6	6	2	1	6	2
Plant Protection	4	2	12	6	3	-	9	-
Soil Sc.	3	-			1	1	4	4
Animal Science	1	1	6	6	1	5	3	13
Home Sc.					1	-	3	-
Mushroom Cultivation	-				1	1	50	50

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers	73	48	1825	1221	49	65	885	1193
Rural youth	17	14	425	360				
Extn. Functionaries	5	3	125	60				

Total	95	65	2375	1641	49	65	885	1193

Seed Production (Qt.)		Planting material (Nos.)	
5		6	
Target	Achievement	Target	Achievement

3.B. Abstract of interventions undertaken

S. 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	Crop health management	Brinjal	High incidence of bacterial wilt in tomato and brinjal	Management of bacterial wilt in tomato/brinjal	-	Integrated pest and disease management on rabi solanaceous vegetables	-	-	Seeds,fertilizers, plant protection measures
2	Crop (vegetable) production and management	Brinjal	Low production of local and non descript brinjal varieties	Performance of brinjal var. RCMBL-1	-	-	-	-	Seeds,fertilizers, plant protection measures
3	Pig production and health management	Piggery	Mortality and other infection in pigs due to castration by local methods	Chemical castration of pigs	-	-	-	-	Inputs related to chemical castration
4	Crop (vegetable) production and management	Ashgourd	Low production of local and non descript varieties	Performance of Megha Ashgourd (var. RCAG-15)	-	-	-	-	Seeds,fertilizers, plant protection measures

5	Crop health management	Rice crop	Low production	Management of root knot nematode in direct seeded ahu rice	-	-	-	-	Seeds,fertilizers, plant protection measures
6	Crop production	Rice crop	Lack of knowledge of improved variety	Rice cultivation in pre flood situation var. Disang	-	-	-	-	Seeds,fertilizers, plant protection measures
7	Fruit production	Banana	Lack of knowledge of improved variety	Performance of banana var. Amrit Sagar	-	-	-	-	Seeds,fertilizers
8	Crop (oilseed) production and management	Toria	Non availability of late sown toria variety	OFT o late sown toria var. JT-90-1	-	-	-	-	Seeds, fertilizers
9	Livestock (meat and egg) production	Duckery	Rearing of low yield local breeds	-	Rearing of Chara chambeli duck	-	-	-	Day old Charra chembali ducklings, feeds for 1 month
10	Livestock (meat and egg) production	Poultry	Rearing of low yield local breeds	-	Rearing of Vanraja bird	-	-	-	One month old Vanraja birds, Vaccines & medicines
11	Soil health management	Rice	Imbalance use of fertilizer through improper methods	-	INM in Sali paddy	-	-	Field day	Seeds,fertilizers, Biofertilizers
12	Crop (Spice) production and management	Spice (turmeric) crop	Low yield of local cultivars	-	Performance of Turmeric, Variety- *Megha Turmeric*	-	-	-	Seeds, fertilizers
13	Crop (Oilseed) production and management	Oilseeds	Low yield of local cultivars	-	Performance of Toria, Var.-TS-36	Improved cultivation practices of toria	-	Field day and Training	Seeds, fertilizers, plant protection measures

14	Crop (pulse) production and management	Pulse	Low yield of local cultivars	-	Varietal performance of Pea, Var.-Arkel	-	-	-	Seeds, fertilizers, plant protection measures
15	Fodder production and management	Fodder	Lack of awarness on fodder crop production and high yielding variety	-	Cultivation of Hybrid Napier grass	Livestock feed and fodder production	-	Training	Roots and cuttings of H Napier grass, fertilizers
16	Fodder production and management	Fodder	Lack of awarness on fodder crop production and high yielding variety	-	Cultivation of Guinea grass	-	-	-	Chaplings of Guinea grass, fertilizers
17	Mushroom production	Mushroom	Nutritional insecurity and lack of income generating activities	-	Production technology of oyster mushroom	Mushroom cultivation for self employment	-	Field day and training	Spawn, polythines
18	Crop production and management	Rice	Lack of local cultivars under preflood situation	-	Cultivation of Ahu rice, Variety-Disang under pre flood situation	-	-	-	Seeds, fertilizers
19	Livestock (meat and egg) production	Poultry	Rearing of low yield local breeds	-	Rearing of Dual purpose poultry (Vanraja)	-	-	-	One month old Vanraja birds, Vaccines & medicines

3.1 Achievements on technologies assessed and refined

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation		**1**			**2**	**1**				**4**
Seed / Plant production										
Weed Management										
Integrated Crop	**1**									**1**

Management										
Integrated Nutrient Management										
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries										
Value addition										
Integrated Pest Management										
Integrated Disease Management	**1**				**1**					**2**
Resource conservation technology										
Small Scale income generating enterprises										
TOTAL	**2**	**1**			**3**	**1**				**7**

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

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

Thematic areas	**Cereals**	**Oilseeds**	**Pulses**	**Commercial Crops**	**Vegetables**	**Fruits**	**Flower**	**Plantation crops**	**Tuber Crops**	**TOTAL**
Varietal Evaluation										
Seed / Plant production										
Weed Management										
Integrated Crop Management										
Integrated Nutrient Management										
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries										
Post Harvest Technology										

Integrated Pest Management										
Integrated Disease 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								
Nutrition Management								
Disease of Management								
Value Addition								
Production and Management					**1**			**1**
Feed and Fodder								
Small Scale income generating enterprises								
TOTAL					**1**			**1**

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

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								

11). Results of On Farm Trials

Title of OFT	Problem Diagnosed	Technology Assessed	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
Management of bacterial wilt in	High incidence	Tech: Seed treatment	3	Infected plant Tech: 5%	Highly satisfied	The performance	2.2:1

brinjal	of bacterial wilt in tomato and brinjal	(1gm/10gmseed), root treatment (1 kg in 2 liter of water for 1000seedlings) and soil application (10gm + 100gm compost per plant) with Biofor Pf FP: Apply chemical pesticides after appearance of sysptoms		FP: 45% Yield : Tech -215 q/ha FP-185q/ha		of the technology may be recommended for the district	
Performance of brinjal var. RCMBL-1	Low production of local and non descript brinjal varieties	Tech: Var-RCMBL-1 FP: Local cultivars	2	Yield: Tech -125 q/ha FP-179 q/ha	Not satisfied	The performance of the tested variety found not satisfactory as compared to other varieties grown by the farmers and may not be recommended for the district	-
Performance of Ashgourd (var. RCAG-15)	Low production of local and non descript varieties	Tech: Var-RCAG-15 FP: Local cultivars	2	Yield: Tech -382.19 q/ha FP-295.89 q/ha	Highly satisfied	The performance of the tested variety was found satisfactory and 29 % increase in yield over other varieties grown by the farmers. May be recommended for the district	3.1:1
Management of root knot nematode in direct seeded ahu rice	Low production	Tech: Neemcake @ 100gm per m sq. 15 days prior to sowing; Carbofuran 3G 1kg a.i. per ha at sowing and 50 DAS FP: Does not follow any practice	3	Nematode population Tech.: 154.5 per 200cc soil FP: 240 per 200cc siol Gall index Tech: 2.9 FP: 3.3 Yield: Tech - 2300q/ha	Highly satisfied	The performance of the technology was found satisfactory and 35.29% increase in yield over farmers practice recorded. May be recommended for the district	1.65:1

				FP-1700q/ha			
Rice cultivation in pre flood situation var. Disang	Lack of knowledge of improved variety	Tech: Var-Disang FP:- Local cultivars	3	Yield: Tech -1800 kg/ha FP-1300kg/ha	Highly satisfied	The performance of the tested variety was found satisfactory and 25 % increase in yield over other varieties grown by the farmers. May be recommended for the district	1.45:1
Performance of banana var. Amrit Sagar	Lack of knowledge of improved variety	Tech: Var. Amrit Sagar FP: Local cultivars	2	In progress			
OFT on late sown toria var. JT-90-1	Non availability of late sown toria variety	Tech: Var-JT-90-1 FP: Local cultivars	3	Yield: Tech -6.4 q/ha FP-5.9 q/ha	Satisfied	The performance of the tested variety under late sown condition found satisfactory as compared to locally grown by the farmers. More no of assesment required	1.9:1
Chemical castration of pigs	Mortality and other infection in pigs due to castration by local methods	Tech: Castration of piglets by use of chemicals viz. potash and glacial acetic acid FP: Removal of testes with the help of non sterilized item like blade or any locally available sharpen item	20	Incedence of infection Tech: 0% FP: 20% Mortality Tech: 0% FP: 10%	Satisfied	Effectiveness of the chemical in making the piglets sterile along with incidence of infection and motality in comparision to local method of castration was seen. No infection and mortality was observed. More no of assesment required	-

Tech: Technology assessed FP: Farmer's practice

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

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

3.2 Achievements of Frontline Demonstrations

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

List of technologies demonstrated during previous year and popularized during 2011-12 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area in ha
1	Toria	Var. TS-36	5	20	10.0
2	Sesamum	Var- ST1683	3	10	2.5
3	Green gram	Var.- Pratap	4	18	5.3
4	Pea	Var.-Arkel	5	20	8.0
5	Poultry	Vanraja	5	15	-
6	Turmeric	Megha turmeric	2	3	0.5
7	Poultry	Charra Chembali	4	15	-

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

b. Details of FLDs implemented 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 (Rf/ Irrigated, Soiltype, altitude, etc)	Status of soil (Kg/ha)		
												N	P	K
					Proposed	Actual	SC/ST	Others	Total					
1	Turmeric	Production and management technology	Var. Megha turmeric-1	Summer 2011-12	0.2	0.2	1	1	2	-	Rf			
2	Rice	Integrated Nutrient Management	INM in rice	Kharif 2011	0.6	0.39	-	3	3	-	Rf			
3	Toria	Integrated Crop Management	TS-36	Rabi 2011	4.0	1.0	-	7	7	-	Rf			
4	Pea	Integrated Crop Management	Arkel	Rabi 2011	4.0	0.13	-	2	2	-	Rf			
5	Gunea grass	Fodder production	PGG-9	Summer, Kharif 2011	0.27	0.13	-	1	1	-	Rf			
6	Napier grass	Fodder productio	Co-3	Summer,	0.27	0.13	-	1	1	-	Rf			

		n		Kharif 2011										
7	Rice	Integrated Crop Management	Var.-Disang	Summer 2012										

Performance of FLD

Sl.No.	Crop	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Data on parameter in relation to technology demonstrated (Yield, Disease incidence, etc. as specified in FLD Programme)		Economic Impact				Technical Feedback on the Demonstrated Technology	Farmers' Reaction on specific Technologies
								Average Net Return (Profit) (Rs./ha)		B.C. Ratio			
								Demo	Local Check	Demo	Local Check		
		H	L	A		Demo	Local						
1	2	7	8	9	10	12	13						
1	Turmeric	224	190	207	150	207	150	174500	119000	6.37	4.98	Technology is feasible for the district	Highly satisfied
2	Rice	48	36	42	30	42	30	25500	17250	1.54	1.35	Technology is feasible for the district	Highly satisfied
3	Toria	9.3	6.3	7.8	6.5	7.8	6.5	16900	11700	2.08	1.90	Technology is feasible for the district	Highly satisfied
4	Pea	12.12	8.2	10.16	8.2	10.16	8.2	21390	15800	2.11	1.93	Technology is feasible for the district	Satisfied
5	*Guinea grass	-	-	37	No local variety, introduced for 1st time	Yield data is only for 3 cuttings							
6	*Napier gra	-	-	40	No local variety,	Yield data is only for 3 cuttings							

	ss				introduced for 1st time							
7	Rice	In progress										

*Yield data are from 1st 3 cuttings, Programmes are in progress

NB: Attach few good action photographs with title at the back with pencil

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	3	10.12.2011	34	
			22.03.2012	38	
			16.03.2012	35	
2	Farmers Training	3	24-12-11	25	
			11 to 13-01-12	25	
			7 &8-03-12	25	
3	Media coverage	1	12-12-11		
4	Training for extension functionaries				

c. 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

Enterprise	Breed	No. of farmers	No. of animals, poultry birds etc.	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		
Poultry	Vanraja	5	50	Annual Egg production	220 nos.	80 nos.	175 % increased	Performance of the breed is satisfactory, require more demonstration to cover other parts of the district
				Egg weight	54 gm	45 gm	20 % increased	
				Mature hen weight	2.0 kg	1.7 kg	18 % increased	
				Age at the point of lay	170 days	. 210 days	19 % decreased	
Duckery	Charra chembali	1	30	Annual Egg production	160 nos.	80 nos.	100 % increased	Performance of the breed is satisfactory, non-availability of duck plague vaccine is a prolem
				Egg weight	68 gm	60 gm	13 % increased	
				Mature hen weight	2.1 kg	1.7 kg	24 % increased	
				Age at the point of lay	160 days	210 days	24 % decreased	
Poultry	Vanraja	5	50	Annual Egg production	In progress			
				Egg weight				
				Mature hen weight				
				Age at the point of lay				

**** Milk production, meat production, egg production, reduction in disease incidence etc.***

(iii) Other Enterprises

Enterprise	Variety/ breed/Species/others	No. of farmers	No. of Units	Performance parameters / indicators	Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		
Mushroom	*Pleorotus florida*	50	3	Yield per bed	2.850kg/bed	-	-	Newly introduced
Apiary								
Sericulture								
Vermi compost								

Achievements on Training both On and Off Campus (Including the sponsored, vocational, FLD and trainings under Rainwater Harvesting Unit) :

Thematic area	No. of courses			Participants																				
				Others						SC/ST						Total								Grand Total
				Male		Female		Total		Male		Female		Total		Male		Female		Total				
	On	Off	Total	On	Off	On	Off	On	Off	On	Off	On	Off	On	Off	On	Off	On	Off	On	Off	On	Off	
(A) FARMERS & FARM WOMEN																								
I. Crop Production																								
Weed Management																								
Resource Conservation Technologies																								
Cropping Systems	-	6	6	-	66	-	10	-	76	-	67	-	10	-	77	-	133	-	20	-	153	153
Crop Diversification																								
Integrated Farming	-	2	2	-	22	-	6	-	28	-	17	-	8	-	25	-	39	-	14	-	53	53
Water management	-	2	2	-	3	-	-	-	3	-	40	-	10	-	50	-	43	-	10	-	53	53
Seed production	-	2	2	-	8	-	-	-	8	-	37	-	6	-	43	-	45	-	6	-	51	51
Nursery management																								
Integrated Crop Management	-	1	1	-	6	-	2	-	8	-	11	-	5	-	16	-	17	-	7	-	24	24
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	-	1	1	-	2	-	-	-	2	-	23	-	1	-	24	-	25	-	1	-	26	26
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	-	3	3	-	39	-	12	-	51	-	20	-	3	-	23	-	59	-	15	-	74	74
Soil and Water Conservation																						
Integrated Nutrient Management	-	1	1	-	22	-	2	-	24	-	-	-	-	-	-	-	22	-	2	-	24	24
Production and use of organic inputs																						
Management of Problematic soils																						
Micro nutrient deficiency in crops																						
Nutrient Use Efficiency																						
Soil and Water Testing																						
IV Livestock Production and Management																						
Dairy Management	-	2	2	-	25	-	-	-	25	-	24	-	-	-	25	-	49	-	-	-	49	49
Poultry Management																						
Piggery Management	-	3	3	-	30	-	28	-	58	-	10	-	11	-	21	-	40	-	39	-	79	79

Rabbit Management																					
Disease Management	-	2	2	-	8	-	3	-	11	-	33	-	6	-	39	-	41	-	9	-	50	50
Feed management	-	1	1	-	15	-	7	-	22	-	3	-	-	-	3	-	18	-	7	-	25	25
Production of quality animal products																					
V Home Science/Women empowerment																					
Household food security by kitchen gardening and nutrition gardening	-	1	1	-	4	-	20	-	24	-	1	-	-	-	1	-	5	-	20	-	25	25
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	-	1	1	-	-	-	25	-	25	-	-	-	-	-	-	-	-	-	25	-	25	25
Storage loss minimization techniques																					
Value addition	-	1	1	-	-	-	25	-	25	-	-	-	-	-	-	-	-	-	25	-	25	25
Income	-	1	1	-	-	-	23	-	23	-	-	-	2	-	2	-	-	-	25	-	25	25

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	-	5	5	-	49	-	23	-	72	-	47	-	5	-	52	-	96	-	28	-	124	124

Integrated Disease Management	-	5	5	-	41	-	9	-	50	-	60	-	23	-	83	-	101	-	32	-	133	133
Bio-control of pests and diseases																						
Production of bio control agents and bio pesticides	-	1	1	-	17	-	6	-	23	-	-	-	2	-	2	-	17	-	8	-	25	25
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	-	1	1	-	5	-	-	-	5	-	19	-	1	-	20	-	24	-	1	-	25	25
Group dynamics	-	2	2	-	16	-	10	-	26	-	-	-	26	-	26	-	42	-	10	-	52	52
Formation and Management of SHGs	-	2	2	-	10	-	15	-	25	-	22	-	2	-	24	-	32	-	17	-	49	49
Mobilization of social capital																						
Entrepreneurial development of farmers/youths	-	2	2	-	22	-	30	-	52	-	-	-	-	-	-	-	22	-	30	-	52	52
WTO and IPR issues																						
XI Agro-forestry																						
Production technologies																						
Nursery management																						
Integrated Farming Systems																						
TOTAL	-	48	48	-	410	-	256	-	672	-	460	-	95	-	654	-	870	-	351	-	1221	1221
(B) RURAL YOUTH																						
Mushroom Production	-	1	1	-	-	-	19	-	19	-	2	-	4	-	6	-	2	-	23	-	25	25
Bee-keeping																						
Integrated farming	-	1	1	-	2	-	-	-	2	-	25	-	4	-	29	-	27	-	4	-	31	31
Seed production																						
Production of organic inputs	-	1	1	-	5	-	-	-	5	-	19	-	-	-	19	-	24	-	-	-	24	24

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	-	6	6	-	44	-	99	-	143	-	1	-	10	-	11	-	45	-	109	-	154	154
Production of quality animal products																						
Dairying																						
Sheep and goat rearing																						
Quail farming																						
Piggery																						
Rabbit farming																						
Poultry production	-	3	3	-	18	-	17	-	35	-	34	-	6	-	40	-	52	-	23	-	75	75

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	-	1	1	-	-	-	4	-	4	-	-	-	21	-	21	-	-	-	25	-	25	25
Rural Crafts	-	1	1	-	-	-	2	-	2	-	-	-	24	-	24	-	-	-	26	-	26	26
TOTAL	-	14	14	-	69	-	141	-	210	-	81	-	69	-	150	-	150	-	210	-	360	360
(C) EXTENSION PERSONNEL																						
Productivity enhancement in field crops	1	-	1	-	-	-	-	-	-	14	-	-	-	14	-	14	-	-	-	14	-	14
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	1	-	1	-	-	-	-	-	-	21	-	-	-	21	-	21	-	-	-	21	-	21
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	-	1	1	-	-	-	18	-	18	-	-	-	7	-	7	-	-	-	25	-	25	25

Low cost and nutrient efficient diet designing																						
Production and use of organic inputs																						
Gender mainstreaming through SHGs																						
TOTAL	2	1	3	-	-	-	18	-	18	35	-	-	7	35	7	35	-	-	25	35	25	60

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

<u>Annexture – I</u>

Date	**Clientele**	**Title of the training programme**	**Discipline**	**Thematic area**	**Duration in days**	**Venue (Off / On Campus)**	**Number of other participants**			**Number of SC/ST**			**Total number of participants**		
							Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
20-05-11	PF	Care and management of dairy cattle	Animal Sc.	Dairy management	1	Baghgaon	25	-	25	-	-	-	25	-	25
28-05-11	PF	Improved cultivation practices of ginger and turmeric	Horticulture	Production and management technology	1	Lamajan	2	-	2	23	1	24	25	1	26
31-05-11	PF	Low cost compost preparation	Soil Sc.	Soil fertility manage	1	Borpak	20	4	24	2	-	2	22	4	26

				ment											
03-06-11 04-06-11	RY	Improved method of vermicompost preparation	Soil Sc.	Soil fertility management	2	Bhebeli Sonowal	5	-	5	19	-	19	24	-	24
07-06-11	PF	Disease management in livestock	Animal Sc	Disease management	1	Dighalgorah	2	1	3	19	3	22	21	4	25
09-06-11 10-06-11	RY	Tailoring of women's garments	Home Sc.	Tailoring and stitching	2	Gaideori gaon	-	4	4	-	21	21	-	25	25
11-06-11	PF	Disease management in betelvine	Plant Protection	Disease management	1	Shyamjuli	19	6	25	-	-	-	19	6	25
14-06-11	PF	Preparation and use of biopesticides including indigenous pesticides	Plant Protection	Bio-control of pest and diseases	1	Borpak	17	6	23	2	-	2	19	6	25
21-06-11	PF	Application of ITK,s for pest and disease management	Plant Protection	Bio-control of pest and diseases	1	Nalbari	-	-	-	18	5	23	18	5	23
23-06-11	PF	Care and management of pigs	Animal Sc.	Piggery management	1	Deogharia	24	2	26	-	-	-	24	2	26
01-07-	PF	Entrepreneurship	Agril	Entrepre	2	Deogha	22	5	27	-	-	-	22	5	27

11& 02-07-11		Development	Econ	neurship development of farmers/ youths		ria									
04-07-11	PF	Improved cultivation practices of Sali (winter) paddy	Agronomy	Cropping system	1	Sili asomiya gaon	25	-	25	1	-	1	26	-	26
07-07-11 & 08-07-11	PF	Leadership Development	Agril. Econ.	Leadership development in villages	2	Borbhela Bhebeli	5	-	5	19	1	20	24	1	25
10-09-11	RY	Care and management of commercial broiler as well as backyard poultry	Animal Sc.	Poultry production	1	Dighalgarh	1	3	4	16	5	21	17	8	25
19-09-11	PF	Care and management of pigs	Animal Sc.	Piggery management	1	Borpathar	4	24	28	-	-	-	4	24	28
22-09-11	RY	Preservation of fruits and vegetables	Home Sc.	Post harvest technology	1	Lachitnagar	-	25	25	-	1	1	-	26	26
30-09-11	PF	Improved cultivation methods and nutrient management in	Agronomy	Crop diversification	1	Oiramghat	6	2	8	11	5	16	17	7	24

		kharif pulses													
14-10-11 & 15-10-11	PF	Importance of soil test in agriculture	Soil Sc.	Soil fertility management	2	Bhebeli Sonowal	3	-	3	18	3	21	21	3	24
20-10-11	RY	Integrated Farming system	Agril. Econ.	Integrate farming	1	Loglung	2	-	2	25	4	29	27	4	31
21-10-11 & 22-10-11	PF	Improved method of vermicompost preparation	Soil Sc.	Soil fertility management	2	Deogharia	16	8	24	-	-	-	16	8	24
12-11-11	RY	Marketing and value addition of agricultural products	Agril. Econ.	Value addition	1	Borpak	19	7	26	1	-	1	20	7	27
17-11-11	PF	Integrated pest and disease management on rabi solanaceous vegetables	Plant Protection	Integrated pest and disease management	1	Borpak	15	6	21	4	-	4	19	6	25
18-11-11	PF	Integrated pest and disease management on Assam lemon	Plant Protection	Integrated pest and disease management	1	Bhebeli Sonowal	4	-	4	21	-	21	25	-	25
19-11-11	RY	Preservation of fruits and vegetables	Home Sc.	Post harvest technology	1	Jamuguri	1	24	25	-	-	-	1	24	25

21-11-11	PF	Integrated nutrient management in rabi vegetables	Soil Sc.	Integrated nutrient management	1	Deogharia	22	2	24	-	-	-	22	2	24
29-11-11	EF	Behavioural problems of children	Home Sc.	Women and child care	1	Khonamukh	-	18	18	-	7	7	-	25	25
12-12-11	RY	Preservation of fruits and vegetables	Home Sc.	Post harvest technology	1	Deogharia	-	25	25	-	-	-	-	25	25
17-12-11	PF	Improved cultivation practices on potato	PBG	Integrate crop management	1	Koupatani	22	3	25	1	-	1	23	3	26
18-12-11	RY	Artificial flower making an income generating activity for farm women	Home Sc.	Income generating activities for empowerment of farm women	1	Jonai	-	16	16	-	9	9	-	25	25
19-12-11	PF	Care and management of pigs	Animal Sc.	Piggery management	1	Dighalgorah	2	2	4	10	11	21	12	13	25
20-12-11	PF	Managing group dynamics	Agril Econ.	Managing group dynamic	1	Butikur	26	-	26	-	-	-	26	-	26

				s											
21-12-11	PF	Integrated pest and disease management in banana	Plant Protection	Integrated pest and disease management	1	Butikur	26	-	26	-	-	-	26	-	26
22-12-11	PF	Kitchen gardening- an income generating activity for farm women	Home Sc.	Gardening and standardization	1	Borpak	4	20	24	1	-	1	5	20	25
23-12-11	RY	Care and management of commercial broiler as well as backyard poultry	Animal Sc.	Poultry production	1	Borpathar	10	14	24	-	1	1	10	15	25
24-12-11	PF	Improved cultivation practices of toria	PBG	Crop production	1	Borpak	15	7	22	2	1	3	17	8	25
04-01-12	PF	Post harvest management of Sali rice	PBG	Post harvest management	1	Loglung	-	-	-	23	3	26	23	3	26
06-01-12	PF	Formation and management of SHG	Agril. Econ.	Managing group dynamics	1	Loglung	-	-	-	22	2	24	22	2	24
09-01-12	PF	SHG- Role in gender	Home Sc.	Gender mainstre	1	Betonipam	-	25	25	-	-	-	-	25	25

		mainstreaming		aming											
10-01-12	RY	Rural craft-making of different decorative items by waste materials	Home Sc.	Rural craft	1	Akajan	-	2	2	-	24	24	-	26	26
11 to 13-01-12	RY	Mushroom cultivation for self employment	Plant protection	Mushroom production	3	Jyotinagar	-	19	19	2	4	6	2	23	25
18-01-12	PF	Post harvest management of Sali rice	PBG	Post harvest management	1	Jayrampur	8	-	8	14	3	17	22	3	25
19-01-12 & 20-01-12	RY	Care and management of commercial broiler as well as backyard poultry	Animal Sc.	Poultry production	2	Arney Chapori	7	-	7	18	-	18	25	-	25
21-01-12 & 22-01-12	PF	Care and management of dairy cattle	Animal Sc.	Dairy management	2	Sonapur	-	-	-	25	-	25	25	-	25
24-01-12 & 25-01-12	PF	Integrated pest and disease management in potato	Plant protection	Integrated pest and disease management	2	Nalanichuk	-	-	-	12	20	32	12	20	32
27-01-	PF	Decorative pot	Home	Income	1	Moridh	-	25	25	-	-	-	-	25	25

12		making	Sc.	generating activities for empowerment of rural women		al									
28-01-12	PF	Managing group dynamics	Agril. Econ.	Managing group dynamics	1	Shyamjuli	16	10	26	-	-	-	16	10	26
29-01-12	PF	Integrated Farming system	Agril. Econ.	Integrated Farming	1	Deogharia	22	6	28	-	-	-	22	6	28
01-02-12 & 02-02-12	PF	SRI method of Ahu rice cultivation	PBG	Resource conservation technology	2	Kothalguri	-	-	-	22	3	25	22	3	25
03-02-12 & 04-02-12	PF	Tailoring of women's and children's garments	Home Sc.	Tailoring and stitching	2	Majgaon, Borpathar	-	23	23	-	2	2	-	25	25
13-02-12 & 14-02-12	PF	Improved cultivation practices of Boro (Summer) paddy	Agronomy	Cropping system	2	Adut	-	-	-	25	1	26	25	1	26
15-02-12 & 16-02-	PF	Integrated farming system	Agril. Econ	Integrated farming	2	Bhebelideori	-	-	-	17	8	25	17	8	25

12															
17-02-12	RY	Marketing and value addition of agricultural products	Agril. Econ.	Value addition	1	Kafalani	24	2	26	-	-	-	24	2	26
18-02-12 & 19-02-12	PF	Integrated approach for management of Rodent in grain storage (Bhoral)	Plant Protection	Integrated pest management	2	Deogharia	17	9	26	-	-	-	17	9	26
01-03-12	PF	Integrated Pest and disease management in Coconut and Arecanut	Plant Protection	Integrated Pest and disease management	1	Amguri	22	3	25	-	-	-	22	3	25
02-03-12	PF	Integrated Pest and disease management in Boro Paddy	Plant Protection	Integrated Pest and disease management	1	Adut	24	2	26	-	-	-	24	2	26
03-03-12 & 04-03-12	PF	SRI method of Ahu rice cultivation	PBG	Resource conservation technology	2	Bhebelideoriga on	3	-	3	18	7	25	21	7	28
05-03-12 & 06-03-12	PF	Improved method for summer maize cultivation	PBG	Cropping system	2	Somkong	2	-	2	18	5	23	20	5	25

07-03-12 & 08-03-12	PF	Livestock feed and fodder production	Animal Sc.	Feed management	2	Borpak	15	7	22	3	-	3	18	7	25
09-03-12 & 10-03-12	PF	IPM package for Boro Paddy cultivation	Plant protection	Integrated Pest management	2	Shalakhani	25	2	27	-	-	-	25	2	27
11-03-12 & 12-03-12	PF	Improved cultivation practices of Boro (Summer) paddy	Agronomy	Cropping system	2	Naharbari	-	-	-	25	01	26	25	1	26
13-03-12& 14-02-12	PF	Disease management of Livestock	Animal Sc.	Disease management	2	Bhebeli Sonowal	6	2	8	14	3	17	20	5	25
18-03-12 & 19-03-12	PF	Formation and management of SHG	Agril. Econ	Formation and management of SHG	2	Lamapale	17	8	25	-	-	-	17	8	25
20-03-12 & 21-03-12	PF	Entrepreneurship development of farmers/ Youth	Agril. Econ	Entrepreneurship development of farmers/ Youth	2	Moridhal	-	25	25	-	-	-	-	25	25

(D) Vocational training programmes for Rural Youth

Crop / Enterprise	Date	Training title*	Identified Thrust Area	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
					Male	Female	Total	Type of units	Number of units	Number of persons employed	
Vermicompost	03-06-11 & 04-06-11	Improved method of vermicompost preparation	Soil health management	2 days	24	-	24	Used for own cultivation	3	3	
Tailoring	09-06-11 10-06-11	Tailoring of women's garments	Entrepreneurship development	2 days	-	25	25	Home based	5	5	
Poultry	10-09-11, 23-12-11, 19-01-12 & 20-01-12	Care and management of commercial broiler	Broiler production	1 day, 1day, & 2days	52	23	75	Commercial	11	11	
Fruit and vegetable preservation	22-09-11, 19-11-11, 12-12-11,	Preservation of fruits and vegetables	Post harvest technology	1 day, 1day, & 1 days	1	75	76	Home based	5	5	
Integrated Farming	20-10-11	Integrated Farming system	Integrated Farming	1 day	27	4	31	Bari system	10	10	
Value addition	12-11-11, 17-02-12	Marketing and value addition of agricultural products	Value addition	1 day	44	9	53				
Artificial flower making	18-12-11	Artificial flower making	Entrepreneurship development	1 day	-	25	25	Home based	2	2	

		an income generating activity for farm women									
Decorative items	10-01-12	Rural craft-making of different decorative items by waste materials	Entrepreneurship development	1 day	-	26	26	Home based	5	5	
Mushroom	11 to 13-01-12	Mushroom cultivation for self employment	Entrepreneurship development	3 days	2	23	25	Used for own consumption	10	10	

*training title should specify the major technology /skill transferred

(E) Collaborative/ Sponsored Training Programmes

Sl.No	Date	Title	Discipline	Thematic area	Duration (days)	Client (PF/RY/EF)	No. of courses	No. of Participants									Sponsoring Agency	Amount of fund received (Rs.)
								Others			SC/ST			Total				
								Male	Female	Total	Male	Female	Total	Male	Female	Total		
1	07-01-12	Improved cultivation practice of Rabi Maize	Agronomy	Integrated crop management	1 day	EF (LSP)	1	-	-	-	14	-	14	14	-	14	Rural Volunteer Center	-
2	29-02-12	Market Linkages of agricultural produces	Agril. Econ	Marketing	1 day	EF (LSP)	1	-	-	-	21	-	21	21	-	21	Rural Volunteer Center	-

Total							2	-	-	-	35	-	35	35	-	35		

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)

Sl. No.	Nature of Extension Activity	Purpose/ topic and Date	No. of activities	Participants											
				Farmers (Others) (I)			SC/ST (Farmers) (II)			Extension Officials (III)			Grand Total (I+II+III)		
				Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1.	Field Day	INM in Sali paddy, 10.12.12	3 nos	**20**	**14**	**34**	-	-	-	-	-	-	**20**	**14**	**34**
		Varietal evaluation of Toria, Var. TS-36, 22.02.12		9	29	38	-	-	-	-	-	-	9	29	38
		Production technology of Oyster mushroom, 16-03-12		-	**32**	**32**	-	**3**	**3**	-	-	-	-	**35**	**35**
2.	Animal health Camp	Vaccination programme on FMD, 11.05.11	**3 nos.**	**38**	-	**38**	-	-	-	**2**	-	**2**	**40**	-	**40**
		Treatment cum vaccination camp, 11.12.11		**120**	-	**120**	**120**	-	**120**	-	-	-	**240**	-	**240**
		Treatment cum vaccination camp, 12.12.11		**59**	-	**59**	**91**	-	**91**	-	-	-	**150**	-	**150**
3.	F.S. Interaction	Farmers- Scientist Interaction 22.03.12 & 23.03.12	1 no	11	-	11	23	-	23	4	-	4	38	-	38

4.	Awareness camp	Artificial Insemination & reproductive disorders in cattle, 24.03.12	3 nos.	-	-	-	34	5	39	-	-	-	34	5	39
		Kishan Credit Card, 30.03.12		12	1	13	37	10	47	-	-	-	49	11	60
		Eco-friendly use of chemical pesticides, 31.03.12		-	-	-	44	6	50	-	-	-	44	6	50
5.	PRA exercise	16.06.11 & 17.06.11	2 nos.	35	4	39	1	-	1	-	-	-	36	4	40
		25.03.12 &26.03.12		13	1	14	26	-	26	-	-	-	39	1	40
6.	Method demonstration	23.09.11	2 nos.	12	10	22	-	1	1	-	-	-	12	11	23
		02.01.12		12	8	20	2	3	5	-	-	-	14	11	25
7.	Important day celebration	World Environment day, 05.06.11	2 nos.												41
		Children day, 14.11.11													300
8.	Scientist visit to farmers field	.	60 nos.												153
9.	Diagnostic visit		20 nos.												20
10.	Lectured delivered as resource person		46 nos.												2053
11.	Phone in Service		120 nos.												120
12.	Farmers visit to KVK		250 nos.												250
13.	Exhibition	Kishan Mela,	1 no												

		Dhemaji, 11-03-12 & 12-03-12													
14.	Radio talks	Pashudhanar khura phata bemar aru iyar pratirodh byabastha (DoB. 13-08-11)	7 nos.												
		Bibhinna rogot kenedare khadya basonee karibo(DoB. 01-09-11)													
		Putailai Chithi (DoB. 10-09-11)													
		Putailai Chithi (DoB. 17-12-11)													
		Bebakhaik bhitit amitar kheti (DoB. 20-12-11)													
		Krishi Rin aru karma shushir prayojaniyata (DoB. 16-01-12)													
		Kukurar Bivinna bemar, eyar pratikar aru protisedhak byabastha (DoB. 31-01-12)													
15.	Training /Meeting/ Workshop		21 nos.												

	attended														
	Grand Total		544												

* Example for guidance only

3.5 Production and supply of Technological products : NA

SEED MATERIALS

Major group/class	Crop	Variety	Quantity (qt)	Value (Rs.)	Provided to No. of Farmers/Other Agencies
CEREALS					
OILSEEDS					
PULSES					
VEGETABLES					
FLOWER CROPS					
OTHERS (Specify)					

SUMMARY

Sl. No.	Major group/class	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers/Other Agencies
1	CEREALS			
2	OILSEEDS			
3	PULSES			
4	VEGETABLES			
5	FLOWER CROPS			
6	OTHERS			

TOTAL			

PLANTING MATERIALS

Major group/class	Crop	Variety	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
FRUITS					
SPICES					
VEGETABLES					
FOREST SPECIES					
ORNAMENTAL CROPS					
PLANTATION CROPS					
Others (specify)					

SUMMARY

Sl. No.	Major group/class	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
1	FRUITS			
2	VEGETABLES			
3	SPICES			
4	FOREST SPECIES			
5	ORNAMENTAL CROPS			
6	PLANTATION CROPS			
7	OTHERS			
	TOTAL			

BIO PRODUCTS

Major group/class	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
			No	(kg)		
BIOAGENTS						
BIOFERTILIZERS						

BIO PESTICIDES						

SUMMARY

Sl. No.	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
			Nos	(kg)		
1	BIOAGENTS					
2	BIO FERTILIZERS					
3	BIO PESTICIDE					
	TOTAL					

LIVESTOCK

Sl. No.	Type	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
			(Nos	Kgs		
Cattle						
SHEEP AND GOAT						
POULTRY						
FISHERIES						
Others (Specify)						

SUMMARY

Sl. No.	Type	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
			Nos	Kgs		
1	CATTLE					
2	SHEEP & GOAT					
3	POULTRY					
4	FISHERIES					
5	OTHERS					
	TOTAL					

3.6. Literature Developed/Published (with full title, author & reference)

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

(B) Literature developed/published

Item	Title	Authors name	Number of copies
Research papers			
Total			
Technical reports			
Popular articles	Litter management : An important issue in commercial poultry production	Saikia., Ashim Kumar	
	Stevia: Abidh Aushedhi Gunasampanna chenir utsha	Gogoi., Horindra and Saikia., Trishnalee	
	Bird Flu Pratirodh Kariba Kenekoi ?	Saikia., Ashim Kumar	

	Gahari Powalir Pratipalan (1)	Saikia., Ashim Kumar	
	Gahari Powalir Pratipalan (2)	Saikia., Ashim Kumar	
	Kit-patanga ,Sashyakarni aru sashyan nod niyantranar thalua karikari ryanan bisaye jat kinchit	Neog., Pranjal Pratim	
	Samanita Gahari aru mash palan paddhati	Saikia., Ashim Kumar	
	Narikal aru Tamul kheti sar prayogar byabasthapana	Chauhan,. Manoj Kumar	
	Uchcha utpadanksham kukura: Vanaraja	Saikia., Ashim Kumar	
	Thalua Prajuktire dhankhetir kit- patanga niyantranar byabasthapana	Deka., Satya Nath	
	Rasayanil kit- nasak Drabya aru iyar byabahar	Deka., Satya Nath	
	Jalabayu Paribartan: Bharatbarsar Samajik aru Krishi arthnaitik kshetrat pravab	Gogoi., Horindra and Saikia., Trishnalee	
	Pasu pakshir dehat khamij labanar kam aru iyar avabar falat haba para asubidha samuh	Saikia., Ashim Kumar	
	Pasudhanar Khurafata rog	Saikia., Ashim Kumar	
	Khirati gai: Khadyar patipalan	Saikia., Ashim Kumar	
	Seujia Gharar Sangrakshan	Saikia., Ashim Kumar	
	Barsakalin magu aru matimahar kheti	Chauhan,. Manoj Kumar	
	Pasu pakshir dehat khanij labanor kam aru iyar avabor falat haba para asubidha samuh	Saikia., Ashim Kumar	
	Krishir kshetrat mahilar bhumika	Begum., Arifa momtaz	
	Samannit Hanh aru mash pala paddhati	Saikia., Ashim Kumar	
	Gabhini gair pratipalan	Saikia., Ashim Kumar	
	Khirati gaik khuwablaga danar pariman	Saikia., Ashim Kumar	
	Jalatanka: Manuh aru sakolo ji-jantur babe atanka	Saikia., Ashim Kumar	
	Broiler palan aru dana	Saikia., Ashim Kumar	
	Artha-samajik bikash aru Samabay	Gogoi., Horindra and Saikia., Trishnalee	
	Kukurar Ranikhet bemar aru iyar pratirodh	Saikia., Ashim Kumar	
	Krishi Vigyan Kendra-Krishi Prajukti Prasarar babe ononyo ek	Saikia, Trishnalee; Gogoi,	

	anusthan	Horindra and Deka Satya Nath	
	Krishir kshetrat mahila upayogi prajukti	Begum., Arifa momtaz	
	Sitkalin mah-jatiya sashay "Rajmahar" unnata krishi paddhati	Gogoi., Horindra and Saikia., Trishnalee	
	Dugdhapamat powalir pratipalan	Saikia., Ashim Kumar	
	Alukheti, sashay-raksha aru beej sangrakshan	Saikia., Trishnalee and Gogoi., Horindra	
	Krishi rinat KCC bhumika	Gogoi., Horindra and Saikia., Trishnalee	
	Garu-mahar khadya: Urear dyara dhan kherar shodhan	Saikia., Ashim Kumar	
	Pashudhanar sarirat howa pok-laga gha aru iyar chikitsa	Saikia., Ashim Kumar	
	Shishur ek apariharya ahar – Matri-duddha	Begum., Arifa momtaz	
	Kukurar bivinna rog aru chikitsa	Saikia., Ashim Kumar	
	Shishur briddhi aru bikashat khelar prayojaniyata	Begum., Arifa momtaz	
	Kritrim prajanan aru pashupalan	Saikia., Ashim Kumar	
	Consequences of severe flooding in food security and sustaining livelihoods in Lakhimpur and Dhemaji district	Gogoi., Horindra	
	Suktivittik Krishi byabastha aru iyar sambhabaniyata – eti Abalokon	Gogoi., Horindra and Saikia., Trishnalee	
	Integrated Farming for Nutritional Security	Gunjan Gogoi	
	Consequences of extreme climate variability & gender role in flood and livelihood security in Lakhimpur and Dhemaji districts of Assam	Harindra Gogoi	
	'*Gahari Jar' – Gahari Palakar babe eik Avishaap*	Ashim Kr. Saikia	
Leaflets/folders			
Total	43 nos.		
GrandTOTAL	43 nos		

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: Nil

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

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

Mr Jogananda Borgohain is an innovative farmer of Deogharia village of Machkhowa Development Block of Dhemaji District. He has a total land area of 2.4 ha, where he cultivated sali rice as main crop and used limited area for vegetable cultivation to meet the home consumption. He also has a homestead garden of 0.27 ha. Before coming into contact with the KVK, Dhemaji, he practised the traditional way of cultivation of various crops and hardly earned about Rs. 30000.00 (Thirty thousand) annually, which was a case of one and half year ago. Later, he came in contact with Krishi Vigyan Kendra, Dhemaji during the year 2010-11 and Krishi Vigyan Kendra, Dhemaji through its training programme trained up him along with other villagers about various recent agricultural technologies viz., crop production, integrated farming system, poultry farming, integrated nutrient management (INM)




and integrated pest and diseases management(IPDM) practices. Besides, KVK, Dhemaji, undertook some Front Line Demonstration (FLD) and On Farm Trial (OFT) Programmes both on agriculture and animal science in his locality which showed a fantastic result. Performance of all these activities conducted by KVK, Dhemaji built up his confidence on the new technologies and changed his mind set to take up agriculture as commercial venture through adoption of new technologies. As a beginner, he started a small unit of broiler farm with 100 nos. of chicks and after getting success he gradually increased the size of the farm to 400 nos. of birds per batch. Now, Mr. Borgohain keeps regular contacts with KVK, Dhemaji for every crop and farm production aspect and with the guidance of KVK scientists, he has been able to increase his crop production and farm income to 2-3 folds. Mr. Borgohain has become the pace setter of new technology dissemination in his locality and by adopting INM in Sali paddy he was able to increase production of rice to 42 qtls/ha in very dry weather condition, where other farmers of the village and neighbouring area were hardly able to harvest only 15 qtl/ ha. More over , after harvesting of short duration local Sali rice varieties, this year he undertook the cultivation of HYV of Toria (TS-36), vegetables viz. cabbage cauliflower, knol khol etc. on commercial basis and harvested a bumper profit by selling the produce in the local market. Now, the total annual income of Mr. Borgohain from poultry farm and agricultural activities is about Rs.1,00,000.00 (one lakh) only and from his farm earnings, he has bought two numbers of one and half year old Jersey heifer recently. He has a very innovative mind and used litters of poultry farm for preparation of compost and applied in his own field to meet some cost for fertilizers and got very good result even during dry season. The success of Mr. Borgohain has opened eyes of other fellow farmers.

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	Row meter / Line sowing tool	This tool is used for maintaining the distance between the rows during transplanting the rice seedlings in the main field. It also helps to maintain a standard plant to plant distance
2	Rice, Vegetables	Weeder /Hoe	This tool is used for weeding operation in rice and vegetables field cultivated in row.

	
Demonstration of Row meter / Line sowing tool	Demonstration on locally made Weeder /Hoe

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

- Identification of courses for farmers/farm women – Group discussion and personal contact with farmers, VLEWs and extension personnel
-Rural Youth - Individual/ group discussion and consultation with allied organization
-Inservice personnel - Discussion at Zonal Workshop, DLTC, ZREAC

3.11 Field activities

i. Number of villages adopted: One
ii. No. of farm families selected: 10 nos.
iii. No. of survey/PRA conducted: Two

3.12. Activities of Soil and Water Testing Laboratory : NA

Status of establishment of Lab : NA

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 realized
Soil Samples				
Water Samples				
Plant Samples				
Petiole Samples				

Total				

4.0 IMPACT

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

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

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

4.2. Cases of large scale adoption
(Please furnish detailed information for each case)

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

5.0 LINKAGES

5.1 Functional linkage with different organizations

Name of organization	Nature of linkage
1. Department of Agriculture, Dhemaji, Govt. of Assam	In planning and organizing training programme, demonstrations, field days, farmers-Scientist interaction, resource personnel for Zonal Workshop/ DLTC, District ATMA diagnostic survey, and in implementing various schemes. Action plan of ATMA for the year, 2012-13
2. Department of Animal Husbandry, Govt. of Assam	In planning and implementing training programme and also organizing rural camp for vaccination of farm animals.
3. Regional Agril. Research Station, AAU, North Lakhimpur	For planning and exhibition of on farm trials, trainings and conducting joint survey for identification of thrust areas for research.

4. District Fishery Deptt. Dhemaji, Govt. of Assam	In planning and organizing training programme
5. Rural Volunteer Centre (NGO), Akajan, Silapathar, Dhemaji	Selecting of sites and conducting FLD, OFT, implementing NAIP (AFPRO) programme.
6. Deptt. of Sericulture, Govt. of Assam	For conducting training and demonstration, C-DAP Report preparation
7. Deptt. of Social welfare, Dhemaji	For conducting training
8. All India Radio & Doordarshan Kendra, Dibrugarh	For coverage of rural programme and members of advisory committee meeting.
9. DRDA	For capacity building and infrastructure support to the SHGs
10. District Health Department	Collaborative programme on human health and nutrition through National Rural Health Mission.
11. Soil Conservation Department	Collaborative programme on plantation crops
12. Assam Mahila Samata Society	For training and other collaborative programmes
13. SIRD	For training and infrastructure support to the SHGs
14. NABARD	Formation of Farmers SHS, village adoption and KCC
15. Goat Research Station, Bournihat	Survey on Assam Hill Goat
16. Gharmora Satra, NGO	Training
17. World Vision	Child care and collaborative program on poverty eradication through scientific cultivation of crops and trainings
18. District Commissioner Office, Dhemaji	NEGP- Agriculture Implementation
19. AICRP on FMD, CVSc, AAU, Khanapara	Animal Health Camp

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:

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)
NAIP	April, 2009	NAIP (ICAR)	21.1486 Lakhs

5.3 Details of linkage with ATMA

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

S. No.	Programme	Nature of linkage	Remarks

1	Field day	Resource person	
2	Field visit	Diagnostic survey	
3	Action plan of ATMA for the year, 2012-13	Preparation of Action plan	
4	Review meeting	In implementing various schemes	
5	Trainings	Resource personnel	

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

S. No.	Programme	Nature of linkage	Constraints if any

5.5 Nature of linkage with National Fisheries Development Board: NA

S. No.	Programme	Nature of linkage	Remarks

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1 Performance of demonstration units (other than instructional farm): NA

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

6.2 Performance of instructional farm (Crops) including seed production : NA

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									
Pulses									
Pigeonpea									
Oilseeds									
Fibers									
Spices & Plantation crops									
Floriculture									
Fruits									
Vegetables									
Others (specify)									

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

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	

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

Sl.	Name	Details of production	Amount (Rs.)	Remarks

No	of the animal / bird / aquatics	Breed	Type of Produce	Qty.	Cost of inputs	Gross income	

6.5 Rainwater Harvesting :NA

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Date	Title of the training course	Client (PF/RY/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
				Male	Female	Total	Male	Female	Total

6.5 Utilization of hostel facilities (Month Wise): NA

Accommodation available (No. of beds) :

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

(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	Account Number
With Host Institute			
With KVK	State Bank of India, Kulajan	Kulajan, Silapathar, Dist.- Dhemaji	11869162145

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

Item	Released by ICAR/ZPD		Expenditure		Unspent balance as on 31st March, 2012
	2009-10	2010–11	2009-10	2010-11	
Inputs					
Extension activities					
TA/DA/POL etc.					
TOTAL					

7.3 Utilization of KVK funds during the year 2011 -12

S. No.	Particulars	Sanctioned (in Lakh)	Released (in Lakh)	Expenditure (in Lakh)
A. Recurring Contingencies				
1	**Pay & Allowances**			
2	**Traveling allowances**			
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)			
B	POL, repair of vehicles, tractor and equipments			
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)			
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)			
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			
G	Training of extension functionaries			
H	Maintenance of buildings			
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			
TOTAL (A)				
B. Non-Recurring Contingencies				
1	**Works**			
2	**Equipments including SWTL & Furniture**			
3	**Vehicle** (Four wheeler/Two wheeler, please specify)			
4	**Library** (Purchase of assets like books & journals)			
TOTAL (B)				

C. REVOLVING FUND			
GRAND TOTAL (A+B+C)			

7.4 Status of revolving fund (Rs. in lakhs) for last three years

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
April 2009 to March 2010				
April 2010 to March 2011				
April 2011 to March 2012				

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

8.1 Constraints

(a) **Administrative**

1. vacant of Permanent/ Regular Programme Coordinator position
2. Vacant of 2 SMS position
3. Vacant one Grade IV staff
4. vacant of stenographer cum computer operator position

(b) **Financial**

1. Amount for Meals/refreshment for trainees should be increased
2. Farmer's TA should be included

(c) **Technical**

1. Lack of LAPTOP and portable generator set for smooth running of Off campus programme
2. Lack of one heavy duty generator/ Inverter set for smooth running of official works
3. Large scale demonstration programme with free inputs should be included