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
KVK Yisemyong	OFFICE	FAX	
Post Box No-23		0369-	kvkmokokchung@gmail.com
Mokokchung Nagaland	0369-	2227627 -	kvkyisemyong@rediffmail.com
	2225121	2225121	

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

Address	Telephone		E mail
	Office	FAX	
Directorate of Agriculture Nagaland Kohima	0370- 2243116	0370-2243970	agrilan@rediffmail.com

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

Name	Telep	ohone / Contact	
	Residence	Mobile	Email
Dr. Bendangyanger	-	9436004778	-

1.4. Year of sanction: 2003

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

SI. 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. Bendangyanger	I/C Programme Coordinator	APM	-	-	30.06.11	Temporary	ST
2	Subject Matter Specialist	Renbomo Ngullie	SMS (Horticulture)	Horticulture	15600 + 5400	18240+ 5400	24.05.06	Temporary	ST
3	Subject Matter Specialist	Akangtemjen	SMS (Entomology)	Entomology	15600 + 5400	18240+ 5400	24.05.06	Temporary	ST
4	Subject Matter Specialist	Dr. Rongsensusang	SMS (Vety. &AH)	Vety & AH	16380 + 5400	18240+ 5400	24.05.06	Temporary	ST
5	Subject Matter Specialist	Samuel Sangtam	SMS (Agronomy)	Agronomy	15600 + 5400	18240+ 5400	24.05.06	Temporary	ST
6	Subject Matter Specialist	Bendangjungla	SMS (PB &G)	PB &G	15600 + 5400	18240+ 5400	24.05.06	Temporary	ST
7	Subject Matter Specialist	Royuso Nakhro	SMS (Extension)	Agri. Extension	15600 + 5400	17550 + 5400	13.11.07	Temporary	ST
8	Programme Assistant	Moainla	Programme Asstt		10230 + 4200	12060 + 4200	24.05.06	Temporary	ST
9	Computer Programmer	I.Tangitla	Programme Asstt (Computer)		10230 + 4200	12060 + 4200	24.05.06	Temporary	ST
10	Farm Manager	Jweni Semp	Programme Asstt (Farm)		10230 + 4200	11580 + 4200	07.11.07	Temporary	ST
11	Accountant / Superintendent	Meyatula	Office Supt- cum- Accountant		10230 + 4200	12060 + 4200	01.06.06	Temporary	ST
12	Stenographer	Imosangla	Jr. Steno-cum- Computer Operator		7440 + 2400	8700 + 2400	01.06.06	Temporary	ST
13	Driver-cum- Mechanic	Supongmeren	Driver		5680 + 1900	6650 + 1900	01.06.06	Temporary	ST
14	Driver-cum- Mechanic	Jongpongyanger	Driver		5680 + 1900	5680 + 1900	01.03.10	Temporary	ST
15	Supporting staff	Imkonglemla	Peon		4750 + 1300	5530 + 1300	01.06.06	Temporary	ST
16	Supporting staff	Aotoshi	Chowkidar		4750 + 1300	4750 + 1300	01.03.10	Temporary	ST

1.6. Total land with KVK (in ha)

S. No.	Item	Area (ha)
1	Under Buildings	1
2.	Under Demonstration Units	0.4
3.	Under Crops	3 (Instructional Farm)
4.	Orchard/Agro-forestry	1.42 ha
5.	Others (specify)	17.4

:

1.7. Infrastructural Development:

A) Buildings

		Source			Stag	е		
c		of		Complete	9		Incompl	ete
No.	Name of building	funding	Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative	ICAR	20.06.09	400	53.5 lakhs	28.09.07	400	completed
	Building							
2.	Farmers Hostel	NA	NA	NA	NA	NA	NA	NA
3.	Staff Quarters (6)	ICAR	NA	200		2011	100	On going
4.	Demonstration	Host & ATMA	2008 &2010	40	0.90 lakh	2008 &2010	40	Completed
		ICAR	Ongoing	7500	3.5	2011	-	ongoing
5	Fencing	ICAR	30.09.11	800mtr	17.0 lakhs	2011	-	Completed

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Mahindra Marshall	2004	5.4 lakhs	92,500 km	Need replacement

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
1. Computer	2004	70000	Good
2. Sound system	2005	60000	Good
3. Digital camera	2004	70000	Unserviceable
4. OHP	2004	5000	Good
5. Laptop	2008	37,000	Good
6. Handycam	2008	16,000	Out of order
7. Photocopier	2010	1,20,000	Good
8. Handycam	2010	18,000	Good
9. Computer	2010	45,000	Good
10. LCD projector	2010	55,000	Good

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

SI.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.	09/02/12	 E H Lotha Addl. Director of Agri. Nagaland, Dr. Dipak Chetri, Jt. Dir. Agri. Nagaland, Bendangyanger Jt. Dir. Agri. Nagaland, N Thungjamo Lotha Dy. Dir. Agri. Nagaland, Kilemsungba DHO, 	 Approval of all the publications Name of local check varieties to be indicated. Attention to be focused on sericulture Presentation of activities report and action plan 	All the recommendations were refined and finalized for implementation of the programmes

	Mokokchung,
	Imtiyongdang Ao DSCO,
	Mokokchung,
	Bendang T Jamir Dy. Dir. Sericulture,
	Er. Achakbou Newmai Sr. Engr. Agri.
	Dr. Amenla LTO, Agri.
	Rongsennungla Dy. PD ATMA
	I Lipokonen Jamir Asst. Agronomist,
	DAO
	T N Temjen Jamir President PFFA,
	All the KVK staff.
2.	

2. DETAILS OF DISTRICT

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

S. No	Farming system/enterprise
1	Agriculture +Horticulture
2	Agriculture + Veterinary
3	Agriculture + Fishery
4	Agriculture + Horticulture + Veterinary + Fishery

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

S. No	Agro-climatic Zone	Characteristics
1	Mid Tropical hill Zone	 Hot and humid in the foot hills to moderate in the mid and high with heavy rainfall during summer
		ii. Moderate to extreme cold and dry in higher altitude during winter

2.3 Soil type/s

S No	Soil type	Characteristics	Area in ha
0.110			
		20-35% clay	1,20,000
1	Sandy clay loam	28% silt	
		45% more sand	
		pH 4-5	
		27-40% clay	40,000
2	Clay Loam	20-45% sand	
		Medium organic matter	
		pH 4-5	
3	Forest Soil	Broad leaves rain forest, evergreen,	50
		temperate climate, high organic matter,	
		dark brown soil with pH 4	

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

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
1	Jhum paddy	11450	21880	19.10
2	TRC paddy	4935	15360	31.12
3	Maize	1130	1140	37.53

4	Tapioca	1050	308910	294.2
5	Mustard	270	187	6.92
6	Tomato	28	7600	271.4
7	Potato	125	9375	75
8	Colocassia	1500	1,80,000	120
9	Passion fruit	908	63560	70
10	Orange	460	20700	215
11	Banana	270	3888	144.4
12	Pineapple	340	238000	700
13	Pear	16	3500	218.7
14	Tea	520	3120	6 (made tea)
15	Arecanut	44	600	15

2.5. Weather data

Month	Rainfall (mm)	Tempe	erature ⁰ C	Relative Humidity (%)
		Maximum	Minimum	
April 2011	276.9	25.9	17.1	48
May	239.7	27.2	18.3	78
June	472.3	24.8	17.5	84
July	364.6	28.1	20.2	84
August	396.6	28.5	20.3	86
Sept	399.7	27.6	19.4	80
Oct	390.7	26.3	17.3	74
Nov	Nil	23.7	13.3	65
Dec	77.5	21.1	9.6	62
Jan 2012	221.6	19.1	7.6	63
Feb	48.3	22.5	10.6	60
March	103.5	25.6	14.1	60

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

Category	Population	Production	Productivity
Cattle			
Crossbred	620	502MT	3lit/day lactation period of 270 days
Indigenous	265	1	120kg in 12 months
Buffalo	-	-	-
Sheep			
Crossbred	-	-	-
Indigenous	-	-	-
Goats	162	972 kg	6-7 kg per year
Pigs			
Crossbred	14900	1266.5MT	85 kg in 12 months
Indigenous	-	-	-
Rabbits	-	-	-
Poultry			
Hens	-	-	-
Desi	111750	83.8MT	750gm in 6months
Improved	10000	10MT	1kg in one month
Ducks	-	-	-
Turkey and others	•	-	-

Category	Area	Production	Productivity
Fish	-	-	-
Marine	-	-	-
Inland	-	-	-
Prawn	-		-
Scampi	-	-	-
Shrimp	-	-	

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

SI.	Taluk	Name of the	Name of the	Major crops &	Major problem	Identified thrust area
No.	Talak	block	village	enterprises	identified	
1		Ongpangkon g (N)	Ungma, Mokokchun g village, Longsa	Paddy, Maize, Tapioca Ginger, Passion fruit Tea, Piggery, Poultry, weaving	Low productivity due to non adoption of improved technology, Majority of the farmers involved in cultivation of mix crops, lack of awareness on potentialities of floriculture, lack of irrigation facilities, unavailability of HYV seeds, post harvest management problem, lack of proper infrastructure and marketing network	Create awareness on fallow management and jhum intensification, Cultivation of both kharif and rabi vegetables, production of passion fruit, ginger, tapioca, tea on commercial scale, popularization of floriculture, handloom and handicraft, promotion of infrastructures and marketing network
2		Opangkong (s)	Chungtia, Aliba, Mangmeton g	Paddy, Maize, Tapioca Cucumber, Passion fruit, Ginger, Orange	Low productivity due to non adoption of improved technology, Indiscriminate use of inorganic products in cucumber cultivation, lack of awareness on INM, lack of upgrade dairy breeds, inadequate availability of fodder , insect pest problem, lack of extension activities	Create awareness on fallow management and jhum intensification, Organic Off season cucumber cultivation, development of dairy and fodder crops, production of orange.
3		Kobulong	Mopungchu ket Sungratsü	Paddy, Tapioca, Maize Passion fruit, ginger, Banana, Piggery, Poultry, Dairy, Sericulture	Low productivity due to non adoption of improved technology, lack of irrigation facilities, unavailability of HYV seeds, post harvest management problem, pest /disease problem in crops and silkworm, lack of processing unit and marketing, lack of spinning & weaving centers , lack of awareness on citronella cultivation, Inbreeding, disease and nutrition in piggery	Create awareness on fallow management and jhum intensification, To increase productivity of passion fruit, ginger and vegetables, promotion on spinning and weaving centre of sericulture, popularization of citronella cultivation, awareness on breeding programme, prevention and control of disease, scientific feeding management

					6
4	Changtongya	Chuchuyiml ang, Mongsenyi mti	Paddy, Tapioca, Maize, Collocasia, banana, Orange, Pineapple Tea, piggery, Poultry, Fishery	Low productivity due to non adoption of improved technology, lack of awareness on value addition products, insect pest and disease problem, poor transportation and marketing facilities, lack of upgraded breeds and health centre	Create awareness on fallow management and jhum intensification, To increase production of banana, tapioca, orange, pineapple, development of tea, arecanut, betel vine, improvement of piggery, fishery and sericulture,
5	Mangkolemb a	Chungtia Yimsen Longnak, Longpayims en	Paddy, Maize, Tapioca, Orange, Pineapple, Arecanut, Tea, betel vine, fishery, cattle, piggery	Unavailability of HYV (lowland paddy), Lack of knowledge on improved method of cultivation, lack of processing unit, insect pest and disease problem, lack of awareness on INM, poor skill in fishery pond management, financial constraint to take up in commercial scale, inadequate availability of ploughing bullock, swine diseases	Promotion of HYV (paddy), production of oilseed and pulses, production of orange, pineapple, arecanut, tea and fish. Breeding programme for cattle and training of draught animals, prevention & control of swine diseases
6	Longchem	Yachang (C) Aonokpo	Paddy, Tapioca, Maize, colocassia, Arecanut, betel vine, cattle, piggery	Unavailability of HYV (lowland paddy), Lack of knowledge and awareness on improved method of cultivation on plantation crops, lack of processing unit, lack of awareness on INM, financial constraint for commercial cultivation, inadequate availability of ploughing bullock, swine diseases	Promotion of HYV (paddy), Commercial cultivation of arecanut, tea, rubber, betel vine, colocassia, orange, production of oilseeds and pulses, Breeding programme for cattle and training of draught animals, prevention & control of swine diseases

<u>3. TECHNICAL ACHIEVEMENTS</u>

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)			
	Numb	per of OFTs	Number of Farmers		Number of FLDs		Number of Farmers		
	Targets	Achievemen t	Targets	Achievement	Targets	Achievement	Targets	Achievemen t	
Agronomy	4	4	12	9	4	4	20	14	
Horticulture	3	3	9	8	3	3	20	14	
Plant protection	1	1	3	3	-	-	-	-	
GPB	1	1	3	3	-	-	-	-	
Vety & A.H	2	2	20	20	2	1	300	274	

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension	n Activitie	S	
		3					4	
Number of Courses			Number	of Participants	Numbe	r of activities	Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Targets Achievement	Targets	Achievement
Farmers	30	19	700	475	113	90	1500	1266
Rural youth	17	11	385	255				
Extn.	9	6	135	90				
Functionaries								

Seed Produc	tion (Qt.)	Planting material (Nos.)			
5			6		
Target	Achievement	Target	Achievement		
16.02	10.01	4000nos	1600		
		5qlt	2qlt.		

3.B. Abstract of interventions undertaken

				Interventions					
S. No	Thrust area	Crop/ Enterpris e	Identified problems	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	To increase productio n	Paddy	Low production in farmers local cultivars	Performan ce of paddy variety (Bhalum - 3)		Performan ce of new paddy variety (Bhalum 3-4)		Field day	Seed
2	Increase productio n	Paddy	Long duration varieties	Trial on short duration varieties		Short duration paddy varieties		Field day	seed
	To increase productio n and productivi ty	Toria	Yield gap due to lack of suitable varieties and poor adoption level	Performan ce of toria (TS-67) after paddy		Promotion of oilseed production	Promotion of oilseed production	Field day	Seed
3	To increase productio n	Groundnut	Low yield in existing varieties used by farmers	Performan ce trial on groundnut (ICGS -76)		Cultivation practices of groundnut		Leaflet, demonstrati on	seed
4	Improve ment of backyard poultry	Poultry	Poor production of indigenous birds	Performan ce of dual purpose vanaraja birds					chick
5	Indigenou s feed resources	Pigweed	High cost in feed	Estimation of yield and analysis of proximate compositio n				Demonstrati on	seed
6	Introducti on of HYV	Banana	Low yield in local varieties	Cultivation of tissue culture banana, variety – G-9		Cultivation practices of tissue culture banana, variety – G-9		Demonstrati on, field day	Planting material

7	Introducti on of suitable high yielding variety	Broccoli	High cost of hybrid seed	Adaptabilit y trial in broccoli		Package and practices of broccoli		Field day, demonstrati on	seeds
8	To increase productio n and quality of fruits	Tomato	unmarketab le fruit quality	Pruning in tomato		Double stem pruning on Tomato		Demonstrati on, field day	seed
9	To populariz e local variety maize (sticky type)	Maize	Less popular and lack of knowledge	Varietal trial on local maize (Mapok)				Leaflet	seed
10	To control pest infestatio n	Toria	Aphid infestation resulting in reduction of yield	Bioefficacy of neem oil against mustard aphid				Demonstrati on, leaflets	Neem oil
11	To increase productio n	Toria	Cannot withstand moisture stress condition		Multi- location trial on toria (TS- 36)	Cultivation practices of oilseed		Demonstrati on, field day	seed
12	Increase productio n	Toria	Use of local varieties,Lo w yield due to poor plant stand under late sown condition		Popularizati on of late sown toria (TS 38) after paddy	Promotion of high yielding toria variety	Promotion of oilseed production	Field day	Seed
13	Pulses productio n	Pea	Poor yield in local cultivar, less popular among farmers		Pea as second crop after paddy (Arkel)			Leaflet	seed
14	Vegetabl e productio n	Tomato	Poor yield in local varieties		Megha – 1 &10 for higher production	Increase production of tomato through use of HYV		Field days, leaflets, demonstrati on	Seed
15	Vegetabl e productio n	Broccoli	Lack of awareness in exotic crop cultivation		Promotion of broccoli cultivation (Pushpa)	Package of practices of Broccoli		Demonstrati on, leaflet	seed

3.1

Achievements on technologies assessed and refined Abstract of the number of technologies assessed* in respect of crops/enterprises A.1

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetabl es	Frui ts	Flow er	Plantati on crops	Tube r Crop s	TOTAL
Varietal	2									2
Evaluation		-								
Seed / Plant	1	2			1	1				5
production										
Weed										
Management										
Integrated										
Crop										
Management										
Integrated										
Nutrient										
Management										
Integrated										
Farming										

System							
Mushroom							
cultivation							
Drudgery							
reduction							
Farm							
machineries							
Value							
addition							
Integrated		1					1
Pest							
Management						 	
Integrated							
Disease							
Management							
Resource							
conservation							
technology							
Small Scale							
income							
generating							
enterprises							
TOTAL	3	3		1	1		8

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

Thematic areas	Cerea Is	Oilseed s	Pulse s	Commercial Crops	Vegetable s	Fruits	Flo wer	Plantat ion crops	Tuber Crops	TOTAL
Varietal										
Evaluation										
Seed / Plant					1					1
production										
Weed Management										
Integrated										
Crop										
Management										
Integrated										
Nutrient										
Management										
Integrated										
Farming										
Svstem										
Mushroom										
cultivation										
Drudgery										
reduction										
Farm										
machineries										
Post Harvest										
Technology										
Integrated										
Pest										
Management										
Integrated										
Disease										
Management										
Resource										
conservation										
technology										
Small Scale										
income										
generating										
enterprises										
TOTAL					1					1

* 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		1						1
Management								
Feed and Fodder					1			1
Small Scale income								
generating enterprises								
TOTAL		1			1			2

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 Performance of paddy variety (Bhalum -3)	Problem Diagnosed Low production in farmers local cultivars	Technology Assessed Bhalum -3	No. of Trials	Results of Assessment/ Refined (Data on the parameter should be provided) Plant height – 94cm No. of tillers - 7 length of panicle-21.8cm No. of grains per pancle- 142 Viald 22.2 alt/ba	Feedback from the farmer Better growth performance than local. Good taste. Short duration. Higher yield	Feedback to the Researcher In-depth research on location specific.	B.C . Ratio
Trial on short duration varieties	Long duration varieties	Luit, Dikow, Kolong, Kapilee	3	Plant height- 85cm No. of tillers-11.4 length of panicle-29.8cm No. of grains per pancle - 126	Dikow variety gave better performance and shorter growth duration	More in-depth research on location specific is require.	1:3
Performance of toria (TS-67) after paddy	Yield gap due to lack of suitable varieties and poor adoption level	TS-67	3	Yield- 24.5qlt/ha Plant height- 34cm No. of branches -7 yield – 6.4qlt/ha	Late sowing can be done and more moisture tolerant. Better yield than local varieties.	Comparative research on TS series varieties	1:2.3
Performance trial on groundnut (ICGS -76)	Low yield in existing varieties used by farmers	ICGS -76	3	No. of pod/plant- 16 Yield -15.2	Higher yield compare to existing variety	More research on its oil content and location specific	1:3.3
Performance of vanaraja birds in all AESs of the district under backyard farming	Low growth performance of local birds	Vanaraja	20	Av. Weight in 8 month- 2.9kg Mortality – 57.5% (due to mortality up to 85.71% in one of the selected village due to sever preying by mongoose	Satisfied with the performance of the bird	Development of field based diagnostic kit for diagnosis of common disease and deficiencies	1:1.44
Cultivation of tissue culture banana.	Low yield in local varieties	Grand naine	3	Pl. height-6.5ft Yield parameters – on going	Non –availability of planting materials	Inadequate availability of manure & fertilizer	-

Adaptability trial in broccoli	High cost of hybrid seed	KTS-1	2	Pl.height-35cm Head wt350gm Yield-71q/ha	Good return, Irrigation problem	Under assured irrigation, large scale cultivation can be taken up	1:2
Pruning in tomato	Poor fruit size	Double stem pruning	3	Pl.height- 51.2 No. of flower/truss-9.78 Fruit volume-59.20cc/ml Yield -283q/ha	Better fruit size& taste Longer shelf life than local. Require skilled	Requires skilled labour for successful cultivation	1:5
Varietal trial on local maize (Mapok)	Less popular and lack of knowledge	Chungtia Mapok, Longsa Mapok, Mokokchung Mapok	3	Chungtia Mapok Pl. height – 159.6 cm Av. Cobs/pl – 1 Av. Grain/cob- 312 Test weight(1000grains) – 237.5 Yield – 21 glt/ha	The yield is low when compared to other varieties but farmers prefer it due to its good taste and has market value	To preserve the germplasm of local cultivars (Mapok). Intensive research on its proximate composition and its benefits.	1:3.5
Bioefficacy of neem oil against mustard aphid	Aphid infestation resulting in reduction of yield	Toria (TS-36)	3	Yield Treated – 8.72q/ha Control – 6.10q/ha Percent increase in yield – 42.85 %	Farmers were convinced of the new technology	Further research on eco-friendly pest control.	1:2.36

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	Paddy	SRI	3	10	2.5				
2	Soybean	JS-335	4	16	4				
3	Toria	TS-36&38	4	12	4.5				
4	Pea	Arkel	3	6	1.5				
5	Tomato	Megha-1&10	3	12	1.4				
6	Broccoli	Pushpa	2	6	1				

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

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	-
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.)

SI			Technology	Season	Area (ha)		No. of farmers/ demonstration		No. of farmers/ demonstration		Farming situation (Rf/ Irrigated,	Statu	s of soil (K	(g/ha)
No.	Crop	Thematic area	Demonstrate d	and year					achievement	Soiltype, altitude, etc)	N	P	К	
					Proposed	Actual	SC/ST	Others	Tota I					
1	Paddy	Resource conservation technology	SRI	Khari f , 2011	2	1.5	6		6	Poor adoption level and more labors	RF Clay loam 325- 650 msl	260	8.4	118
2	Maize	Increase production	HQPM-1	Khari f 2011	2.5	1.5	5		5	Less popular and fragmente d land holding system	RF Clay/silt Ioam 750- 1250ms I	185	9.4	88
3	Toria	Oilseed production	TS- 36&38	Rabi 2011	5	3	6		6	Due to standing paddy crop till 1 st of December	RF Clay loam 350- 800msl	165	9.5	125
4	Pea	Pulse production	Arkel	Rabi 2011	3	2.5	6		6	-	RF Clay/silt Ioam	195	8.5	92
5	Tomato	Vegetable production	Megha tomato-1	Rabi 2011	2	1	5		5	Financial constraint	RF Clay Ioam 850- 1200ms I	140	9.8	129
6	Broccoli	Veg. production	Pushpa	Rabi 2011	2	1	5		5	High cost of seed	RF Clay loam 640- 1150ms I	190	10. 2	135

Perform	nance of FL	D											
					Vield	Data on param	eter in relation		Economic	c Impact		Technical Feedback on	Farmers' Reaction on
SI.No.	Сгор	De	emo. Y Qtl/ha	ield a	of local Check	to technology (Yield, Disea etc. as spec	demonstrated se incidence, sified in FLD	Avera Return (Rs.	ge Net (Profit) /ha)	B.C.	Ratio	the Demonstrated Technology	Technologies
					Qtl./ha	Progra	amme)	Demo	Local Check	Demo	Local Check		
		н	L	Α		Demo	Local						
1	2	7	8	9	10	12	13						
1	Paddy	38	35.5	36.75	26.5	Pl. height -78 Effective tillers-13 No.of grains/panicle- 132	PI. height -72 Effective tillers-10 No.of grains/panicle- 124	25000	14500	3.4:1	2.3:1	Good root formation More nos. of grains/panicle & tillers Withstand lodging More yield	More labour & time consuming Require skill Require irrigation facilities
2	Maize	42.1	36.5	39.3	22.5	PI. height- 195cm Av. No 0f cob/pl-1.25 Av.no of grains/cob- 415.15 1000 test wt 301 gm	PI. height- 235cm Av. No 0f cob/pl-1.75 Av.no of grains/cob- 308 1000 test wt 272gm	17500	10400	4:1	2.6:1	Good cob size Maximum grain filling Short duration High nutrient content	Grain taste is rough Good for animal feed Non availability of seeds Higher yield
3	Toria	5.4	5.2	5.3	4.6	Pl. hight- 35cm Yield -5.4q/ha	Pl. hight- 41cm Yield -4.6q/ha	14300	10700	2.4:1	2:1	More moisture tolerant. Higher yield	Can be sown late Higher yield than existing varieties Bold seed size
4	Pea	18.2	14.3	16.25	12.8	No. of pods/pl- 39 Yield – 18.2q/ha	No. of pods/pl- 31 Yield – 12.8/q/ha	61000	34000	3:1	2.1:1	Crop rotation after paddy as rabi crop High yielding	Higher yield Require constant monitoring and watering
5	Tomato	322	266	294	189	Pl.height- 50.3cm	Pl.height- 52.3cm	252150	125300	4:1	2:1	Higher yield Low pest	Good fruit size Better return

						Disease incidence -5% Yield-322	Disease incidence - 25% Yield-189					disease incidence Irrigation problem	
6	Broccoli	74	52	63	47	Pl.height- 33cm Head wt 362gm Yield-74q/ha	Pl.height- 31.5cm Head wt 248gm Yield-47q/ha	147000	71000	3:1	1.8:1	Advancement of planting time may improve in yield	High cost of seed Irrigation problem

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

Extension and Training activities under FLD

SI.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	7	11/08/11, 16/11/11, 2012/11, 17/01/12, 22/02/12, 24/02/12/ 18/03/12	225	Farmers are willing to take up the new and improved technologies on a larger scale. But are apprehensive on sufficient availability of inputs and seeds.
2	Farmers Training	5	08/04/11, 25/05/11, 03/09/11, 28/09/11, 13/10/11	185	Provided proper platform for helping the farmers develop required skills and knowledge
3	Media coverage	5			News paper coverage, Radio talk
4	Training for extension functionaries	2	06/10/10,29/10/10	37	Facilitates update knowledge on new improved technologies

c. Details of FLD on Enterprises

(i) Farm Implements

Name of the implement	crop	No. of farmers	Area (ha)	Performance parameters /	* Data on paramete technology der	er in relation to nonstrated	% change in the parameter	Remarks
				Indicators	Demon.	LUCAI CHECK		

* Field efficiency, labour saving etc.

15

(ii) Livestock Enterprises

Enterprise	Breed	No. of	No. of animals, poultry birds	Performance parameters /	* Data on par relation to te demonst	ameter in chnology rated	% change in the	Remarks
		lamois	etc.	indicators	Demon.	Local check	parameter	
Piggery	Local upgraded	210	274	Occurrence of swine fever disease	Animal vaccinated in January 2012 so far no report occurrence of swine fever with the vaccinated animals	So far no reported incidences	Final report yet to be obtained (Observation period - 6months)ie. Jan-June	Sufficient availability of quality vaccine needed.

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

(iii) Other Enterprises

Enterprise	Variety/ breed/Species/others	No. of	No. of	Performance parameters /	Data on par relation to te demons	ameter in echnology trated	% change in the	Remarks
		lamers	Onits	indicators	Demon.	Local check	parameter	
Mushroom								
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	o. of co	ourses									I	Partici	pants								
Thomatic area						Otl	ners					SC	/ST					To	otal			Grand
Thematic area	On	Off	Total	M	ale	Fer	nale	To	tal	M	ale	Fer	nale	То	tal	M	ale	Fer	nale	To	tal	Total
				On	Off	On	Off	On	Off	On	Off	On	Off	On	Off	On	Off	On	Off	On	Off	
(A) FARMERS & F	A) FARMERS & FARM WOMEN Crop Production																					
I. Crop Production																						
Weed Management	1		1							10		15		25		10		15		25		25
Resource																						
Conservation																						
Technologies																						

Cropping Systems		1	1							12		13		25		12		13		25	25
Crop																					
Diversification																					
Integrated Farming	1		1						9		16		25		9		16		25		25
Water management																					
Seed production																					
Nursery																					
management																					
Integrated Crop																					
Management																					
Fodder production																					
Production of																					
organic inputs																					
II. Horticulture																					
a) Vegetable Crops																					
Production of low																					
volume and high																					
value crops																					
Off-season																					
vegetables																					
Nursery raising																					
Exotic vegetables	1		1						17		14		25		11		14		25		25
like Broccoli																					
Export potential																					
vegetables																					
Grading and																					
standardization																					
Protective																					
cultivation (Green																					
Houses, Shade Net																					
etc.)																					
b) Fruits								1	1	1	1										
I raining and																					
Pruning																-					
Layout and																					
Management of																					
Cultivation of Emit																					
Management of																					
wanagement of																					
nlants/orchards																					
pranto/orenatuo	1	1	1	1	1	1		1	1	1	1		1								1

																					±0
Rejuvenation of old orchards		1	1								13		12		25		13		12	25	25
Export potential																					
fruits																					
Micro irrigation																					
systems of																					
orchards																					
Plant propagation																					
techniques																					
c) Ornamental Plan	nts																				
Nursery																					
Management																					
Management of																					
potted plants																				<u> </u>	
Export potential of																					
ornamental plants																				<u> </u>	
Propagation																					
techniques of																					
Ornamental Plants																					
d) Plantation crops												-	•					-			
Production and																					
Management																					
technology																				L	
Processing and																					
value addition																				L	
e) Tuber crops		1		r	1		1	1						1		1	1				
Production and																					
Management																					
technology																					
Processing and																					
value addition																				L	
f) Spices	1	1	1	r –		1	r	T	[[r	r	1				1		1
Production and																					
Management																					
technology																					
Processing and																					
value addition																				L	
g) Medicinal and A	romati	ic Plan	ts	1									1		1					 	
Inursery																					
management																				 	
Production and	1	1	1			1	1	1	1	1				1	1					ł	1

																					19
management																					
technology																					
Post harvest																					
technology and																					
value addition																					
III Soil Health and	Fertili	ty Mai	nagement				•									1	1				
Soil fertility	1		1						11		14		25		11		14		25		25
management																					
Soil and Water	1		1						10		15		25		10		15		25		25
Conservation																					
Integrated Nutrient																					
Management																					
Production and use																					
of organic inputs																					
Management of																					
Problematic soils																					
Micro nutrient																					
deficiency in crops		1					1														
Nutrient Use																					
Efficiency Soil and Water																					
Soll and water																					
I estilig	ation (nd M	-	4																	
Doiry Management			anagemen																		
Daily Management																					
Managamant																					
Diggory										11		14		95		11		14		95	95
Management		1	1							11		14		20		11		14		20	20
Rabbit																					
Management																					
Disease																					
Management																					
Feed management																					
Production of																					
quality animal																					
products																					
V Home Science/We	omen	empow	verment	1	1	1		1	1	1	1	1	1	1	1			1	1	1	1
Household food																					
security by kitchen																					
gardening and																					
nutrition gardening																					

																		20
Design and																		
development of																		
low/minimum cost																		
diet																		
Designing and																		
development for																		
high nutrient																		
efficiency diet																	ļ!	
Minimization of																		
nutrient loss in																		
processing																	ļ'	
Gender																		
mainstreaming																		
through SHGs			-									-					ļ'	
Storage loss																		
minimization																		
techniques																		
Value addition												ļ					ļ'	
Income generation																		
activities for																		
empowerment of																		
rural Women																		
Location specific																		
drudgery reduction																		
technologies																	ļ!	
Rural Crafts																		
Women and child																		
care																		
VI Agril. Engineeri	ng		1	1	1		1	 1	1		 1	1	1	 1	 1	1		
Installation and																		
maintenance of																		
micro irrigation																		
Systems Use of Dissting in																	<u> </u>	
Use of Plastics in																		
Draduation of small																	<u> </u>	
Production of small																		
implements																		
Depair and																	<u> </u>	
maintananca of																	1	
farm machinery																	1	
raini machinery	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

																	21
and implements																	
Small scale																	
processing and																	
value addition																	
Post Harvest																	
Technology																	
VII Plant Protection	n																
Integrated Pest		1	1					12		13	25		12	13		25	25
Management		1	1														
Integrated Disease		1	1					10		15	25		10	15		25	25
Management		1	1														
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		1	1					13		12	25		13	12		25	25
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							<u> </u>							 			
Edible oyster																	
farming																	
Pearl culture				1													

																				22
Fish processing																				
and value addition																				
IX Production of In	puts a	t site	•		•	•	•			•	•				•		•	•		•
Seed Production	Ī																			
Planting material																				
production																				
Bio-agents																				
production																				
Bio-pesticides																				
production																				
Bio-fertilizer																				
production																				
Vermi-compost		1	1						10		15		25		10		15		25	25
production		-	·																	
Organic manures																				
production																				
Production of fry																				
and fingerlings																				
Production of Bee-																				
colonies and wax																				
sheets																				
Small tools and																				
Implements																				
Production of																				
foddor																				
Production of Fish		ł – –								<u> </u>		ł – – –	ł – – –						ł – – –	
feed																				
X Canacity Building	σ and (Groun	Dynamic	۲ ۲																
Leadership	<u>s anu v</u>			5																
development																				
Group dynamics													1							
Formation and		1										1	1						1	
Management of																				
SHGs																				
Mobilization of	1		1					12		13		25		12		13		25		25
social capital	1		1																	
Entrepreneurial																				
development of																				
farmers/youths																				
WTO and IPR																				

																				23
issues																				
XI Agro-forestry			•																	
Production																				
technologies																				
Nursery																				
management																				
Integrated Farming																				
Systems																				
TOTAL	6	8	13					63	95	78	105	150	200	63	95	87	105	150	200	325
(B) RURAL YOUT	H		_		 _			-				_	-	-	_		_	_	-	
Mushroom	1		1					15		10		25		15		10		25		25
Production	1		1																	
Bee-keeping																				
Integrated farming																				
Seed production																				
Production of																				
organic inputs																				
Integrated Farming																				
Planting material																				
production																				
Vermi-culture		1	1						11		14		25		11		14		25	25
Sericulture	1		1					13		12		25		13		12		25		25
Protected									11		14		25		11		14		25	25
cultivation of		1	1																	
vegetable crops																				
Commercial fruit																				
production																				
Repair and																				
maintenance of																				
farm machinery																				
and implements																				
Nursery																				
management of																				
Horticulture crops																				
I raining and																				
Value addition		1	1				1		10		1.5				10		1.5			05
Value addition		1	1						10		15		25		10		15		25	25
Production of																				
quality animal																				
products				1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	

																			24
Dairying																			
Sheep and goat																			
rearing																			
Quail farming																			
Piggery																			
Rabbit farming																			
Poultry production		1	1					12		13		25		12		13		25	25
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 Doct Homest								10		10		07		10		10		05	05
Post Harvest		1	1					12		13		25		12		13		25	25
Technology Teiloring and																			
Stitching																			
Rural Crafts										ł – –		ł – –		ł – –		ł – –			ł
TOTAL	2	5	7				28	56	99	60	50	195	28	56	99	60	50	195	175
(C) EXTENSION D	- FDSO	NNET	,				20	50	22	03	50	120	20	00	22	03	50	120	175
Productivity	ersu	ININEL	4 					C		4		10		C		4		10	10
enhancement in		1	1					0		4		10		0		4		10	10
field crops		1	1																
Integrated Pest																			
Management																			
Integrated Nutrient								9		7		16		9		7		16	16
management		1	1							.						.		10	

Rejuvenation of old orchards																				
Protected cultivation technology	1		1					7		10		17		7		10		17		17
Formation and																				
Management of																				
SHGs																				
Group Dynamics																				
and farmers																				
organization																				
Information												1								
networking among																				
farmers																				
Capacity building								8		6		14		8		6		14		14
for ICT application	1		1					-		-				-						
Care and																				
maintenance of																				
farm machinery																				
and implements																				
WTO and IPR issues																				
Management in																				
farm animals																				
Livestock feed and																				
fodder production																				
Household food																				
security																				
Women and Child																				
care																				
Low cost and																				
nutrient efficient																				
diet designing																				
Production and use																				
of organic inputs																				
Gender																				
mainstreaming																				
through SHGs																				
TOTAL	2	2	4					15	15	16	11	31	26	15	15	16	11	31	26	57

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

Date	Clientele	Title of the training	Discipline	Thematic area	Duration in days	Venue (Off / On	Numb partic	er of othe ipants	r	Numb	er of SC/S	T	Total partic	number of ipants	f
		programme				Campus)	Male	Female	Total	Male	Female	Total	Male	Female	Total

(D) Vocational training programmes for Rural Youth

Crop /	Date	Training	ldentified Thrust Area	Duration	No.	of Particip	ants	Self e	mployed after	[.] training	Number of persons employed else where
Enterprise		une		(uays)	Male	Female	Total	Type of units	Number of units	Number of persons employed	
Banana	7/4/11 8/4/11	High density planting	Low production in banana	2	11	13	24				
Fruits and vegetables	2/11/11 3/11/11	Value addition of fruits and vegetables	Post harvest losses	2	9	16	25				

*training title should specify the major technology /skill transferred

(E) Sponsored Training Programmes

											No	o. of Partic	cipants					Amount
SI.No	Date	Title	Discipline	Thematic area	Duration (days)	Client (PF/RY/EF)	No. of courses	C	Other	s		SC/ST			Total		Sponsoring Agency	of fund received (Rs.)
								М	F	Total	Male	Female	Total	Male	Female	Total		
1	10/1/12 11/1/12	Citrus rejuvenation	Horticulture	Rejuvenation of old orchard	2	Pf	1				14	17	31	14	17	31	Hort. Deptt	20,000/-
2	8/6/11	Management of eri worm	Sericulture	Eri worm production	1	Pf	1				11	16	27	11	16	27	Seri. Deptt	18,000/-
3	20/9/11 21/9/11	Dairy management	Animal Husbandry	Livestock production	2	Pf	1				10	18	28	10	18	28	Vety & AH Deptt	20,000/-
Total																		

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.		Purpose/	rpose/ Participants												
	Nature of Extension	topic and Date	No. of	Far	mers (Oth	ers)	SC	/ST (Farm	ers)	Exte	ension Offi	cials	(Grand Tot	al
	Activity		activities		(I)			(II)			(III)			(I+II+III)	
				Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1.	Vaccination camp	Swine fever	Vaccination	164	46	210	-	-	-	2	-	2	166	46	212
2.		Sri													
		Toria													
	Field Day	Pea	6	-	-	-	128	190	304	12	4	16	140	194	334
		Tomato													
		Broccoli													
3.	Lectures delivered as	-	13												
	resource persons														
	Newspaper coverage	-	3												
4.	Radio talks	-	6												
5.	Advisory Services	-	9				22	18	40				22	18	40
6.	Scientific visit to farmers	-	9				23	32	55				23	32	50
	field														
7.	Farmers visit to KVK	-	18				118	165	283				118	165	283
8.	Diagnostic visits		5				9	6	15				9	6	15
9.	Film Show		2												
10.	Self Help Group		9				54	41	95				54	41	95
	Conveners meetings														
11.	Group meetings		6				82	103	185				82	103	185
12.	Kisan Ghosthi		1				15	25	40				15	25	40
13.	Exhibition		2												
	Grand Total		89				451	580	1017	12	4	16	463	584	1042

3.5 **Production and supply of Technological products**

SEED MATERIALS

Major group/class	Сгор	Variety	Quantity (qt)	Value (Rs.)	Provided to No. of Farmers/Other Agencies
CEREALS					
	Paddy	SARS-1	6	6000	20
		SARS-6			
OILSEEDS					
	Toria	TS-36,	0.5	5000	20

		TS-38	0.5		20
PULSES					
		Azad	2	3000	20
	Pea	Arkel	1	2000	15
VEGETABLES					
	Tomato	Megha-1	0.01	17000/-	30
FLOWER CROPS					
OTHERS (Specify)					

Sl. No.	Major group/class	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers/Other Agencies
1	CEREALS	6	6500	20
2	OILSEEDS	1	5000	40
3	PULSES	3	5000	35
4	VEGETABLES	0.01	17,000	30
5	FLOWER CROPS			
6	OTHERS			
	TOTAL	10.01	33,500	125

PLANTING MATERIALS

Major group/class	Crop	Variety	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
FRUITS					
	Banana	Grand naine	500	6000	15
SPICES	Turmeric	Megha-1	200kg	2000	10
VEGETABLES					

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FOREST SPECIES					
	Alder	Local	600	3000	15
	Agar	Local	500	2500	5
ORNAMENTAL CROPS					
PLANTATION CROPS					
Others (specify)					

Sl. No.	Major group/class	Quantity (Nos.)	Value (Rs.)	Provided to
				No. of Farmers
1	FRUITS	1500	8000	15
2	VEGETABLES			
3	SPICES			
4	FOREST SPECIES	1100	5500	5
5	ORNAMENTAL CROPS			
6	PLANTATION CROPS			
7	OTHERS			
	TOTAL	2600	13500	20

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

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BIOFERTILIZERS					
1					
2					
3					
4					
BIO PESTICIDES					
1					
2					
Others	Vermi compost		550	5500	20

Sl. No. Droduct Nome		S	Qua	ntity	Value (Da.)	Provided to No. of
51. 190.	SI. NO. Product Name	Species	Nos	(kg)	value (KS.)	Farmers
1	BIOAGENTS					
2	BIO FERTILIZERS					
3	BIO PESTICIDE					
4	Others			550	5500	20

LIVESTOCK :NA

Sl. No.	Туре	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
			(Nos	Kgs		
Cattle						
SHEEP AND GOAT						

POULTRY			
FISHERIES			
Others (Specify)			

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

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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			
News letter (annual)	KVK Mokokchung Newsleter	KVK Mokokchung	400
Total			
Technical reports			
Popular articles			
Leaflets/folders	 Cultivation practices of cucumber Cultivation practices of Toria Cultivation practices of pea IPM on rapeseed and mustard High density planting in banana Goatery Management 	KVK Mokokchung	1200
Total	6		
GrandTOTAL	7		1600

(C) Details of Electronic Media Produced:NA

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)
- 3.8 Give details of innovative methodology/technology developed and used for Transfer of Technology during the year
- 3.9 Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

S. No.	Crop / Enterprise	•	ITK Prac	cticed	1	Pur	pose of ITK

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

- Identification of courses for farmers/farm women
- Rural Youth
- Inservice personnel

3.11 Field activities

- Number of villages adopted :4 i.
- ii. No. of farm families selected: 20
- No. of survey/PRA conducted: 4 iii.

3.12. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab

: Installation process

Year of establishment 1. 2. List of equipments purchased

	: 2011
with amount	

SI. No	Name of the Equipment	Qty.	Cost
1	Visiscan spectrophotometer	1	81,200
2	Digital Flame Photometer	1	54,875
3	Digital P.H meter with electrode	1	17,100
4	Digital conductivity meter with cell	1	16,845
5	Physical balance	2	5,100
6	Chemical balance	1	3,125
7	VAT 13.5%		23,695
Total			2,01,903

3. Details of samples analyzed so far : On process

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	% of adoption	Change in income (Rs.)		
	participants		Before (Rs./Unit)	After (Rs./Unit)	
1. Cultivation practices of Toria (TS-36 & 38)		45	15,000	18800/ha	
2. Cultivation practices of pea (Azad & Arkel)		42	19,700	21200/ha	
3. Cultivation practices on paddy (SARS 1&2)		60	9,000	14040/ha	
4. Cultivation practices on HYV tomato (Megha-1		63	20,000	27,000/ha	

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

Cases of large scale adoption 4.2.

(Please furnish detailed information for each case)

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

5.0 LINKAGES

5.1 Functional linkage with different organizations

Name of organization	Nature of linkage
State Agricultural Research Station (SARS) Yisemyong, AICRIP	Joint implementation in conducting training, demonstration, meeting, trials etc.
DAO, DHO, DVO, DSCO, DFO,LRD in the district	Conducting training, demonstration programmes
ICAR, Jharnapani, Nagaland University	Consultation, meeting and exchange of technologies
AIR Doordashan Mokokchung	Technology dissemination through broadcasting (AIR)
NABARD, NSCB, SBI	Joint implementation in forming farmers ' clubs

5.2 List special programmes undertaken by the KVK, which have been financed by State Govt./Other Agencies: NA

 \checkmark

Name of the scheme		 Date/ Month of initiation F		Funding agency	Amount (Rs.)	

5.3 Details of linkage with ATMA

a) Is ATI	a) Is ATMA implemented in your district Yes/No										
S. No.	Programme	Nature of linkage	Remarks								
1	Training, trial & Demonstration, Exhibition	Resource person and programme Planning, implementation and monitoring	Actively participating in programme implementation								

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

VI 1										
S. No.	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)**

				Details of production			Amour			
SI. No.	Demo Unit	Year of estt.	Area	Variety	Produce	Qty.	Cost of inputs	Gross income	Remarks	
1	Vermicompost	2008	20sqm	Esenia foeteda	Compost	760kg/yr	2200	-	-	
2	Banana fiber extraction	2010	500sqm	-	Fiber	On going	-	-	-	

6.2 Performance of instructional farm (Crops) including seed production

Nama	Date of sowing Date of		ha)	Detai	Is of production	n	Amou	nt (Rs.)	
Of the crop		harvest	Area (Variety	Type of Produce	Qty.	Cost of inputs	Gross income	Remarks
Cereals a) Upland paddy	25.03.11	8.09.11	0.15	SARS-1& 2 HQPM-1	Grain	3.4	2000	4080	Good yield
b) Maize	28.03.11	17- 20.08.11	0.05		Green cobs	-	1200	900	Green cobs are not prefer much by the farmers
Pulses a) Pea b) Soybean	18/10/11 22/06/11	20 jan- 10 feb 2012 20/12/11	0.1 0.002	Arkel Indira soya9	Pod Pod	0.72 0.32	850 650	1080 1120	-
Oilseeds									
Toria	11/10/11	17/01/12	0.02	TS-36 & 38	Seed	0.42	900	1650	-
Spices & Planta	tion crops		-	•	•				•
Turmeric	28/05/10	6- 8.02.12	0.0585	Megha -1	Rhizome	7	1500	7000	Good yield
Ginger	04.04.11	15.01.12	0.003	Local red ginger	Rhizome	3.5	1500	3500	Good yield
Vegetables									
Cabbage	21.09.11	12.01.12	0.005	Snow ball	Head	0.35	650	525	
Tomato	28/10/11	-	0.04	Megha-1&10	Fruit	On going	650	-	Yield is satisfactory
Broccoli	21.10.11	-	0.02	KTS-1	Seed	Ongoing	750	-	-
Others (specify)	1	1				1	L	1	

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

SI.			Amou			
No.	Name of the Product	Qty	Cost of inputs Gross income		Remarks	
1	Vermi compost	760kg	2200	7600	Use in farm management	

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

SI.	Name	De	tails of production	-	Amou		
No	of the animal / bird / aquatics	Breed	Type of Produce Qty.		Cost of inputs	Gross income	Remarks

6.5 Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit:NA

Dete	Title of the training course		No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
Date		Client (PF/RY/EF)		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	SBI	Lerie , Kohima	01000050059
With KVK	SBI	Sangtemla ward, Mokokchung	11361013166

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

Itom	Released by ICAR/ZPD		Expenditure		Unement belance as an 21 st March, 2012
nem	2009-10	2010–11	2009-10	2010-11	Onspent balance as on 51 march, 2012
Inputs					
Extension activities					
TA/DA/POL etc.					
TOTAL					

7.3 Utilization of KVK funds during the year 2011 -12

S. N0	Particulars	Sanctioned (in Lakh)	Released (in Lakh)	Expenditure (in Lakh)				
A. Recurring Contingencies								
1	Pay & Allowances	58.40	6297628	6297628				
2	Traveling allowances	1.5	1	1				
3	Contingencies 8.00 3.00 3.00							
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)							
В	POL, repair of vehicles, tractor and equipments							
С	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							
Н	Maintenance of buildings							
- 1	I Establishment of Soil, Plant & Water Testing Laboratory							
J	Library							
	TOTAL (A)							
B. No	n-Recurring Contingencies							
1	Works	10	3.5	3.5				
2	Equipments including SWTL & Furniture							
3	Vehicle (Four wheeler/Two wheeler, please specify)							
4	Library (Purchase of assets like books & journals)	0.10	-	-				
TOTAL (B)								
C. RE	VOLVING FUND							
	GRAND TOTAL (A+B+C)	78.00	70,47,628	70,47,628				

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

Year	Opening balance as on 1 st April	Income during the	Expenditure	Net balance in hand as on 1 st April of	
		year	during the year	each year	
April 2009 to March 2010	1,45,000	25,000	5000	1,65,000	
April 2010 to March 2011	1,65,000	20,000	12,000	1,73,000	
April 2011 to March 2012	1,73,000	22,175	14,500	1,80,675	

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

8.1 Constraints

(a) Administrative

- 1. Need of a full time Programme Coordinator
- 2. Need for more supporting staffs

(b) Financial

- 1. Enhancing the contingency
- 2. Separate funds for OFT, FLD and trainings
- 3. Release of funds directly to respective KVK account

(c) Technical

- 1. More demonstration units
- 2. Need of VSAT and power generator
- 3. Requirement of latest field equipments and instruments

Programme Coordinator KVK, Mokokchung