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	
KVK Yisemyong			
Post Box No-23	0369-2225121	0369-2225121	kvkmokokchung@gmail.com
Mokokchung Nagaland			

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

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

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Pijush Kanti Biswas	Aoyimkum	9402343069	drpijushpckvk@g mail.com
	Dimapur		

1.4. Year of sanction: 2003

1.5. Staff Position (As on 31st March, 2015)

	1	TAS ON SE WATER	, _		T .		I		
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.Pijush Kanti Biswas	Programme Coordinator	Horticulture	31230	23230+ 8000	15/4/2013	Temporary	Gen.
2	Subject Matter Specialist	Renbomo Ngullie	SMS (Horticulture)	Horticulture	26620	21220+ 5400	24.05.06	Temporary	ST
3	Subject Matter Specialist	Dr.Ruopfuselhuo Kehie	SMS (Entomology)	Entomology	25840	20440+ 5400	15.02.07	Temporary	ST
4	Subject Matter Specialist	Dr. Rongsensusang	SMS (Vety. &AH)	Vety & AH	33275	21220+ 5400	24.05.06	Temporary	ST
5	Subject Matter Specialist	Samuel Sangtam	SMS (Agronomy)	Agronomy	26620	21220+ 5400	24.05.06	Temporary	ST
6	Subject Matter Specialist	Bendangjungla.I	SMS (PB &G)	PB &G	26620	21220+ 5400	24.05.06	Temporary	ST
7	Subject Matter Specialist	Royuso Nakro	SMS (Extension)	Agri. Extension	25840	20440+ 5400	13.11.07	Temporary	ST
8	Programme Assistant	Moainla	Programme Asstt.	Horticulture	18320	14120 + 4200	24.05.06	Temporary	ST
9	Computer Programmer	I.Tangitla	Programme Asstt (Computer)		18320	14120 + 4200	24.05.06	Temporary	ST
10	Farm Manager	Ilika v achumi	Farm manager	Horticulture	17780	13580+ 4200	19.02.2007	Temporary	ST
11	Accountant / Superintendent	Meyatula	Office Supt- cum- Accountant		18320	14120+ 4200	01.06.06	Temporary	ST
12	Stenographer	Imosangla	Jr. Steno-cum- Computer Operator		12500	10120 + 2400	01.06.06	Temporary	ST
13	Driver	Supongmeren	Driver		9640	7740 + 1900	01.06.06	Temporary	ST
14	Driver	Jongpongyanger	Driver		8550	6650 + 1900	01.03.10	Temporary	ST
15	Supporting staff	Imkonglemla	Peon		7710	6410 + 1300	01.06.06	Temporary	ST
16	Supporting staff	Aotoshi	Chowkidar		6830	5530+ 1300	01.03.10	Temporary	ST
17	SRF	Shillunokdang	SRF	R.D	Rs.16,00 (Consolid	0	01.11.14	Temporary	ST

1.6. a. Total land with KVK (in ha) :23.9 ha

b. Total cultivable land with KVK (in ha): 18 ha

c. Total cultivated land (in ha): 6.5 ha

S. No.	Item	Area (ha)
1	Under Buildings (Administrative building+ Farmers' Hostel+ Staff	1
	Quarters)	
2.	Under Demonstration Units	1
3.	Under Crops (Cereals, pulses, oilseeds etc.)	1.5
4.	Under vegetables	3 (Instructional Farm)
5.	Orchard/Agro-forestry	2 ha
6.	Others (specify)	-

1.7. Infrastructural Development:

A) Buildings

		Source of	Stage					
S.		funding	Complete			Incomplete		
No.	Name of building		Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	20.06.09	400	53.5 lakhs	28.09.07	400	completed
2.	Farmers Hostel	NA	NA	NA	NA	NA	NA	NA
3.	Staff Quarters (6)	ICAR	NA	200		2011	100	Completed
4.	Demonstration Units (2)	ICAR, Host & ATMA	2008 &2010	40	24,55,500 lakh	2008 &2013	-	Completed and going
5	Fencing	ICAR	Ongoing	7500	3.5	2011	-	Completed
		ICAR	30.09.11	800mtr	17.0 lakhs	2011	-	Completed

B) Vehicles

Type of vehicle	Regd. No.	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Mahindra	NL-02-C-1212	2004	5.4 lakhs	1,83,888	Need replacement
Marshall					

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 2014-15

SI. No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken on last SAC recommendation
1.	21/05/2014	 Nungsang Research officer SARS Mar Jr. Plant Breeder SARS Dr. Temjenmengla DHO Mokokchur Sanen Magh DAO Akala, Anouncer AIR Mokokchung Imsunaro NABARD Dr. Imsen, VAS Anik, AO, Mokokchung Yashi Jamir, DFO 	Approval of all the publications Presentation of activities report and action plan	All the recommendations were refined and finalized for implementation of the programmes

	_
10. Lipok jr., Asst. agronomy, DAO, Mkg	
11. Ngangshi, DSO(Seri)	
12. Imkongtoshi DSCO	
13. T. Wathy Jamir, Junior Engineer	
14. Nuchet DPD, ATMA, Mkg	
15. Temsukaba LRD	
16. Yarba, Sanpang Farmers Cooperative	
Society, Longkhum	
16. All KVK staffs	

^{*} Attach a copy of SAC proceedings along with list of participants

2. DETAILS OF DISTRICT

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

Sl. No	Farming system/enterprises	
1.	Agriculture +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)

Sl. 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
		Moderate to extreme cold and dry in higher altitude during winter

2.3 Soil type/s

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

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

Sl. No	Crop	Area (ha)	Production (ton)	Productivity (Qtl /ha)
1.	Orange	1739	59126	340
2.	Banana	1155	71610	620
3.	Litchi	970	24250	250
4.	Pineapple	820	13284	162
5.	Tomato	38	9880	2600
6.	Chilli	76	5099.6	671

2.5. Weather data

Month	Rainfall (mm)	Temperature ⁰	С	Relative Humidity (%)
		Maximum	Minimum	
April	172.3	23.65	18.7	70.2
May	267.35	24.3	19.6	77.55
June	371.25	29.76	21.1	87.75
July	49.25	27.19	20.95	88.63
August	139	27.52	20.49	86.87
September	154.75	27.54	20.09	86.03
October	154.25	24.6	16.95	85.37

November	1.75	21.86	11.88	77.74	
December	4.25	18.1	9.10	80.58	
January	24.25	18.89	8.7	90.32	
February	11	20.01	10.07	70.76	
March	8.5	27.3	13.60	65.67	

2.6. 2.7. 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	381	972 kg	10-11 kg per year
Pigs			
Crossbred	21900	1687.2 MT	100 kg in 12 months
Indigenous	-	-	-
Rabbits	-	-	-
Poultry			
Hens	-	-	-
Desi	156750	83.8MT	1 Kg in 6months
Improved	18000	10MT	1.5 kg in one month
Ducks	-	-	-
Turkey and others	-	-	-

Category	Area	Production	Productivity
Fish			
Marine			
Inland	408.50 ha	1534 MT	2581.5 kg/ha
Prawn			
Scampi			
Shrimp			

2.8 Details of Operational area / Villages (2014-15)

SI. No.	Taluk/ Eleka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified thrust area
1		Ongpangkong (N)	Longkhum, Longmisa,Chuchuyi mpang	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

					5
2	Opangkong (s)	Chungtia Aliba, Mangmetong	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	Sungratsu, Mopungchuket	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
4	Changtongya	Dibuya, Mongsenyimti	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	Mangkolemba	Watiyim ,Wameken Longpayimsen	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	Saring, Nokpu	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

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during 2014-15

Discipline	OFT (Technology Asses	sment and I	Refinement)	FLD (Oilseeds, Pulses, Maize, Other Crops/Enterprises)			
	Num	ber of OFTs	Number of Farmers		Number of FLDs		Number of Farmers	
	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Agronomy	2	4	10	11	4	6	47	47
Horticulture	7	7	13	15	7	7	22	24
Plants Protection	3	3	18	17	2	2	14	14
Genetics & Plant Breeding	2	1	3	3	4	4	40	31
Vety.& A.H.	2	1	5	5	3	3	26	26
Extension	2	1	90	90	2	1	90	90
Total								

	Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)						Extension Activities			
	3								4	
Number of Cou	urses		Number	of Partici	pants	Number	of activities	S	Number	of participants
Clientele	Targets	Achievemer	nt Targets	Achieve	ement	Targets	Achieven	nent	Targets	Achievement
Farmers	40	45	1045	1170		150	155		1800	1998
Rural youth	10	11	250	280		40	45		350	415
Extn.	6	7	150	162		15	13		75	65
Functionaries										
Total	56	63	1445	1612		205	213		2225	2478
Seed Production	on (ton.)				Planti	ng materia	l (Nos. in la	kh)		
5	5									
Target		Achi	evement	ement Target		t Ach		Achi	ievement	
1.2		1.53			0.10			0.13	3	

3. B. Abstract of interventions undertaken during 2014-15

						Interven	tions		
SI. No	Thrust area	Crop/ Enterpri se	Identifie d problem s	Title of OFT if any	Title of FLD if any	Title of Training if any	Title of trainin g for extensi on person nel if any	Extension activities	Supply of seeds, planting material s etc.
1	Vegetable production	Bittergou rd	Low yield in local varieties	Varietal evaluation of bitter gourd	-	-		Field day	Seed
2	Populariza tion of bush squash	Bush Squash	Lack of knowled ge on Bush Squash cultivatio n	Performance trial on Bush squash	-	-			Seed
3	Promotio n of king chilli	King Chilli	Low yield under open condition	Performance of King chilli under different growing conditions	-	-		Demonstrati on	Seed, poly house materials

	Τ	I		Ι .	1	 		/
4	Vegetable production	Tomato	Poor yield in local	Performance trial on Tomato	-	-		Seed
	''		varieties					
5	Vegetable production	Cucumbe r	Low yield in local varieties	Varietal evaluation of cucumber	-	-	Field day	Seed
6	Populariza tion of ridgegour d	Ridgegou rd	Lack of knowled ge on ridgegou rd cultivatio n	Varietal evaluation of Ridgegourd	-	-		Seed
7	Populariza tion of capsicum	Capsicum	High weed infestatio n and poor growth under open field condition	Effect of plastic mulching on yield of capsicum	-	Plastic mulching in capsicum producti on	Training and Demonstrati on	Seed, Mulching material
8	Vegetable productio n	Cabbage	Use of unsuitable varieties	-	Cabbage productio n	-		Seed
9	Vegetable productio n	Chilli	Use of unsuitable varieties	-	Commerci al productio n of chilli	-		Seed
10	Promotio n of okra	Okra	Low yield in local cultivars	-	Cultivatio n of okra	-		Seed
11	Tuber crop productio n	Taro	Low yield in local cultivars	-	Cultivatio n of HYV of taro	-	Field day	Planting material
12	Vegetable productio n	Tomato	Low yield in local cultivars	-	Commerci al productio n of tomato	-		Seed
13	Vegetable productio n	Tomato	Use of low yielding varieties	-	Commerci al productio n of tomato	Package of practices of HYV of tomato	Training	Seed
14	Productio n of low volume high value crop	Broccoli	Use of unsuitabl e varieties	-	Cultivatio n of high value crop	-	Field day	Seed
15	Crop productio n and managem ent	Soybean	Low producti on	Evalaution on soybean			Field days, field visit	Seeds

								8
16	Crop productio n and managem ent	Upland paddy (SARS-1)	Low producti on		Promotio n of high yielding upland paddy		Demonstrati on, field days	Seeds
17	Crop productio n and managem ent	Maize RCM-76	Low producti on		Package and practice of Maize		Demonstrati on, field days	Seeds
18	Crop productio n and managem ent	Tomato (Rocky)	Low producti on due to use of local varieties		Package and practice of tomato		Demonstrati on, field days	Seeds
19	Crop productio n and managem ent	Pea (Azad)	Low producti on		Package and practice of pea		Demonstrati on, field days	Seeds
20	IPM	Groundn ut	Root grub	Management of root grub (Holotrachia consanquina)		IPM for Sustaina ble Agricultu re	-Method demonstratio n -Diagnostic visit -Field Visit	Supply of Seeds, & Insecticid es
21	Bio- control	Soya bean	Defoliato rs	Biological control of defoliators in Soyabean.		Biologica I Control of Insect Pests & Diseases for Organic farming	Method demonstratio n -Diagnostic visit -Field Visit	Supply of Seeds
22	IPM	Potato	White Grub	Management of White Grub (Holotrichea spp.) in Potato		Hand-on Training for Soil Applicati on of Insecticid es against Soil Insect Pest	Method demonstratio n -Diagnostic visit -Field Visit	Supply of Seeds
23	Product evaluation	Paddy	Heavy incidence of Yellow Stem Borer and Leaf Folder		Effect of Bio- intensive Module on the incidence of Yellow Stem Borer and Leaf Folder on Rice	Bio- intensive Integrate d Pest manage ment in Paddy	Method demonstratio n -Diagnostic visit -Field Visit	Supply of Seeds, & Tricho- cards

24	Product	Pea	Severe	Managem	Judicious	Method	Supply of
	evaluation		infestatio	ent of Pea	& Safe	demonstratio	Seeds, &
			n of	Aphids:	Pesticide	n	Insecticid
			Aphids		s Usage	-Diagnostic	es
						visit	
						-Field Visit	

3.1 Achievements on technologies assessed and refined during 2014-15

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

Thematic areas	Cere als	Oilseed s	Pulse s	Commerci al Crops	Vegetable s	Fruit s	Flowe r	Plantati on crops	Tuber Crops	TOTA L
Varietal Evaluation	1		2		3					
Seed / Plant		1								
production										
Weed										
Management										
Integrated Crop										
Management										
Integrated Nutrient										
Management										
Integrated Farming										
System										
Mushroom										
cultivation										
Drudgery reduction										
Farm machineries										
Value addition										
Integrated Pest	-	1	1	-	-	-	-	-	1	3
Management										
Integrated Disease										
Management										
Resource										
conservation										
technology										
Small Scale income										
generating										
enterprises										
Others					4					
TOTAL				· · · · · · · · · · · · · · · · · · ·						

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

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

Thematic areas	Cereal s	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crop	TOTAL
Varietal										
Evaluation										
Seed / Plant										
production										
Weed										
Management										
Integrated Crop										
Management										
Integrated										
Nutrient										

					10
Management					<u> </u>
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					

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								
Small Scale income								
generating								
enterprises								
TOTAL								

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

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

A.5. Results of On Farm Testing

SI. No.	Title of OFT	Problem Diagnosed	Name of Technology Assessed	Crop/Cropping system/ Enterprise	No. of Trials	Results of A on the para				Feedback from the farmer	Feedback to the Researcher	B.C . Ratio (if applicable)
1	Varietal evaluatio n of bitter gourd	Low yield in local varieties	Prachi, Bipasa, K-Long, Palee, Local	Bittergou rd	2	Varieties Yld Prachi: 9.23 Bipasa: 13.4 K-Long: 5.11 Palee: 16.27 Local: 2.9	27.8	6.0 5.9 4.0 6.58	FW 173 201 115 212.8 68			
2	Performa nce trial on Bush squash	Lack of knowledge on Bush Squash cultivation	Patty Pan	Bush Squash	2	*PH Yld 43 240.1	FD 19	FW 980		Good cooking quality and taste		1.2.1
3	Performa nce of King chilli under different growing condition s	Low yield under open condition	Local king chilli	King chilli	2	Conditions Yld Polyhouse: 5.58 Nethouse: 3.97 Open: 2.99	53.3		FW 3 6.83 5 5.6 3 4.97		Expand area for better production	
4	Performa nce trial on Tomato	Poor yield in local varieties	Chiranjevi	Tomato	2	*PH 56.47	FD 4.37	FW 52.3	Yld 31.2	Fruit size yield are very good	Increase area for commercial production	1.3.2
5	Varietal evaluatio n of cucumbe r	Low yield in local varieties	Alisha, Susoma, Sheetal, Welcome 494, Local	Cucumber	3	Varieties Yld Alisha: 22.52 Susoma: 18.16		FD 6.58 6.12	FW 528 454	Quality of Alisha better than other varieties		

6	Varietal evaluatio n of Ridgego urd	Lack of knowledge on ridgegourd cultivation	Preeti, US 6001, Swati	Ridgegourd	2	Sheetal: 19.5 6.7 336 11.95 Welcome: 20.8 6.88 459 18.36 Local: 16.2 4.42 208 6.47 Varieties *FL FD FW Yld Preeti: 24.6 155 6.47 US 6001: 43.4 310 19.29 Swati: 34.8 228 11.75			
7	Effect of plastic mulching on yield of capsicum	High weed infestation and poor growth under open field condition	Swarna	Capsicum	2	*PH FL FD FW Yld 44.67 10.94 8.13 122.84 27.1	Saves labour in irrigation and weeding.		1:2.7
8	Evaluatio n on soybean	Low production	Ongpangzungk en JS-335	Monocroppin g	3	JS-335 No. of pods/plant = 40 No. of Seeds/plant=3.8 Yield (kg/ha)= 799 Ongpangzungken No. of pods/plant = 38 No. of Seeds/plant=3.5 Yield (kg/ha)= 786	Though the JS-335 yields more the farmers prefer the local varieties for it hairy nature leading to less infestation.	More research on breeding can be done for desirable traits.	
9	Early Weaning to decrease Farrowin g interval in Pigs	Late weaning resulting in increased farrowing interval	Early weaning to decrease farrowing interval	Piggery	4	Farrowing interval (existing practice of weaning at 60 days)-1.65 to 1.7/year Farrowing interval (Early weaning at 30 days) -2.13 to 2.19/year – After first farrowing subsequent farrowing interval under observation	Satisfied and is willing adopt the practice	-	-
10	Manage ment of root grub (Holotrac	Root grub	Carbofuran 1.5 kg ai/ha	Mono- cropping	1	Incidence Percentage : Treated Plot (T_1) : i.30 DAS – < 5% ii.45 DAS – 5-8%	Yield/pant was enhance as there were less	Application of Carbofuran 1.5 kg ai/ha can check the	1.45 : 1

	hia consanq uina) in Groundn ut					iii. 60 DAS –10 % <u>Local Check(T₀) :</u> i.30 DAS – 8-10% ii.45 DAS – 12-15% iii.60 DAS – 35%	infestation of the grub compared to the Local check	infestation of root grub in groundnut.	
11	Biologica I control of defoliator s in Soyabea n.	Defoliators	Beauveria bassiana/ Bt based microbial insecticides @ 1 kg/ha.	Mono- cropping	1	Incidence Percentage: $\frac{\text{Treated Plot } (T_1):}{\text{i.30 DAS} - < 5\%} \\ \text{ii.40 DAS} - 8 - 10\% \\ \text{iii. 50 DAS} - 15\% \text{ (Approx.)} \\ \underline{\text{Local Check } (T_0):}{\text{i.30 DAS} - 8\%} \\ \text{ii.40 DAS} - 12-15\% \\ \text{iii.50 DAS} - 25-30\%$	Effectively managed the defoliators.	A cost effective tactics, and free from environmenta I pollution.	1.56:1
12	Manage ment of White Grub (Holotric hea spp.) in Potato	White Grub	-Deep ploughing -Spraying of host plant with Chlorpyriphos 0.05% -Application of Phorate 10 G @ 20kg/ha at the time of earthing up	Mono- cropping	3	Incidence Percentage: <u>Treated Plot (T₁)</u> : i.30 DAP – 2% ii.40 DAP – 5% iii. 50 DAP –15% <u>Local Check (T₀)</u> : i.30 DAP – 10% ii.40 DAP – 12-15% iii.50 DAP – 25%	Marketable tuber yield is enhanced.	Deep ploughing during Autumn minimized the population build up of white grubs	1.68 : 1
13	Varietal trial on hybrid paddy	Use of age old local cultivars	PAC-835, PAC- 805, PAC-807, PAC-837	Lowland paddy	3	PAC-835 Pt.ht-125cm Panicle lenght-27cm Eff. tiller- 8.6 Test wt-30gm Yield - 62qt/ha	Higher yield but non availability of seeds and require more inputs	-	1.8:1
14	Varietal evaluatio n on Kidney beans (Local cultivars)	Products is high demand but cultivation is less popular among farmers of the district	Tuensang local, Shye shan Rash -I, , Shye shan Rash -II, , Shye shan Rash -III, , Shye shan Rash -IV, Senzozu	Kidney bean (Local)	2	Tuensang local No. of pods/pl - 15nos Yield - 7.8 qt/ha	High yielding	Research on high yielding local cultivars according to location specific	2.8:1

15	Varietal evaluatio n on French beans	Use of low yielding local varieties	Super falconi, Don, Vaishmave-264 and selection -9	French bean	3	Super falconi Plant height- 37cm Pod length- 12-14 cm Yield- 112 q/ha(green pod)	Short duration, tender pods and better yield.	-	3.4:1
16	Performa nce trial on cowpea	Cultivation is less popular among farmers of the district	Bali-265, TJ Maharaja, B.Sundari Bangla	Cowpea	3	TJ Maharaja Pod lenght - 32 cm No. of picking- 7nos. Yield- 10.5q/ha(green pods)	Better pod length, yielding and tender	-	3.1:1

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

3.2 Achievements of Frontline Demonstrations during 2014-15

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

List of technologies demonstrated during previous year and popularized during 2014-15 and recommended for large scale adoption in the district

SI. No	Crop/ Enterprise	Technology demonstrated	Horizontal spread of technology					
			No. of villages	No. of farmers	Area in ha			
1	Tomato	Variety Rocky	2	5	2.5			
2	Toria	TS-38	4	16	8			
3	Soybean	JS-335	3	12	3			

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

b. Details of FLDs conducted during reporting period (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

				_					,	Reasons for	Farming situation (Rainfed/	Stat	us of soil (k	(g/ha)
SI. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)	der	of farme nonstrati	-	shortfall in achievement	Irrigated, Soil type, altitude, etc)	N	P	К
					Proposed	Actual	SC/ST	Others	Total					
1.	Cabbage	Vegetable production	Rareball	Rabi 2014	3	2.5	4		4	-	Rainfed	-	-	-
2.	Chilli	Vegetable production	Pusa Jwala	Kharif 2014	2	2	3		3	-	Rainfed	-	-	-
3	Okra	Vegetable production	Nilima	Kharif 2014	2	1.5	2		2	-	Rainfed	-	-	-
4	Taro	Vegetable production	Muktakeshi	Kharif 2014	3	3.5	5		5	-	Rainfed	-	-	-
5	Upland paddy	Crop production and management	SARS-1	Kharif	2	2	9		9	-	Rainfed	-	-	-
6	Maize	Crop production and management	RCM-76	Kharif	2.5	2.5	9		9	-	Rainfed	-	-	-
7	Tomato	Crop production and management	Rocky	Rabi	2	1	4		4	Lack of irrigation	Rainfed	-	-	-
8	Pea	Crop production and management	Azad	Rabi	4	2.5	9		9	Lack of irrigation	Rainfed	-	-	-
9	Paddy	IPM	Soaking of seeds	Kharif,	2	2	6	-	6	-	-Irrigated,	1.95	10.2	11.2

			in 0.5% solution of Neemcel (Azadirachtin 10000ppm) for 8 hrs + Judicious use of NPK @ 60: 40: 30 kg/ha + foliar spray with Neemcel @ 750 ml/ha at 20 DAT + Release of Trichogramma chilonis @ 50,000 eggs/ha/weeks for two weeks starting from 30 DAT + spray with Neemcel @ 750 ml/ha at panicle	2014							-Sandy Loam			
11	Pea	IPM Increase in production and	initiation stage Carbofuran @ 30 kg/ha in furrows at the time of sowing Spraying of Dimethoate @ 0.03% or 0.1% malathion to reduce the attack. SRI	Rabi, 2014-15 Kharif, 2014	-	1.5	8	-	8	Dry spell during the cropping period	-Rainfed -Clay Sandy Loam Rainfed, Silt loam, 450-	2.2	9.5 kg/ha	12.5 135 kg/ha
12	Maize	productivity Seed production	RCM -76	Kharif 2014	5	2.5	5	-	5	Delayed on seed	800msl Rainfed, siltloam,	-	8.6 kg/ha	132 kg/ha

										availability	800-			
											1200msl			
13	Toria	Seed	TS-36	Rabi	2	1	4	-	4	Lack of	Rainfed,	-	9.6kg/ha	152
		production		2014						irrigation	silt loam,			kg/ha
										facilities	450-			
											650msl			
14	Pea	Increase	Arkel	Rabi	2	1	4	-	4	Lack of	Rainfed,	-	8.2kg/ha	140
		production		2014						irrigation	silt loam,			kg/ha
		and								facilities	450-			
		productivity									650msl			

c. Performance of FLD on Crops

		Thematic area	Area (ha.)	Avg. yiel	d (Q/ha.)	% increase in Avg.	on dem	nal data no. yield ha.)		parameters n yield, e.g.,		Econ. of der	no. (Rs./ha.)		Econ. of che	ck (Rs./Ha.)	
SI. No.	Crop			Demo.	Check	yield	Н*	L*	disease inc	idence, pest nce etc.	GC**	GR**	NR**	BCR*	GC	GR	NR	BCR
									Demo	Local								
1	Cabba ge	Vegetabl e productio n	2.5	125	109	12.8	131	120	-	-	6050 0	15000 0	89500	1:2. 5	59800	10930	49500	1:1.8
2	Chilli	Vegetabl e productio n	2.0	155	132	14.84	162	148	-	-	7230 0	23250	16020 0	1:3.	71950	14200	70050	1:1.9
3	Okra	Vegetabl e productio n	1.5	137	120	12.41	145	129	-	-	5780 0	13700 0	79200	1:2.	57000	90800	33800	1:1.5
4	Taro	Vegetabl e productio n	3.5	210	194	7.62	224	197	-	-	7850 0	25500 0	17650 0	1;3. 2	77900	16730 0	89400	1:2.1
5	Upland paddy	Crop productio	2	32.5	26.95	21	33.2	31.75	Plant height	Plant height	3000 0	48750	18750	1.63 :1	29000	40425	11425	1.40:1

		n and managem ent							(cm)= 175.6 Length of panicle(cm) = 28.75 No. of grains /panicle	(cm)= 128.4 Length of panicle(cm) = 21.6 No. of grains /panicle								
									= 296 Yield (qt/ha)= 36.5	= 296 Yield (qt/ha)= 28.95								
6	Maize	Crop productio n and managem ent	2.5	34.5	26.65	30	36.21	32.79	No. of cobs/pla nt= 2.2 No. of grains /cob= 453.8 Yield (qt/ha)= 34.5	No. of cobs/pla nt= 1.85 No. of grains /cob= 308 Yield (qt/ha)= 22.5	2000	41400	21400	2.07 :1	18000	31980	13980	1.78:1
7	Tomat o	Crop productio n and managem ent	1	340	210	62	350	330	Weigh of fruit (gm) =50.61 Yield (qt/ha)= 340	Weigh of fruit (gm) = Yield (qt/ha)= 210	7000	34000	27000 0	4.8:	60000	21000 0	15000 0	3.5:1
8	Pea	Crop productio n and managem ent	2.5	11.1	8.8	27	12.43	9.96	Av. No of pods/pla nt=33.6 Av. No of	Av. No of pods/pla nt= Av. No of	1500 0	33300	18300	2.2:	14000	26400	12400	1.8:1

									seeds/pl	seeds/pl								
									ant=7.8	ant=6.5								
									Yield	Yield								
									(qt/ha)=	(qt/ha)=								
									11.1	8.8								
		IPM	2	29.9	25.3	18.1%	32.1	27.7	Mean	Mean			16,050	1.56	26,960	40,180	13,220	1.49:
									DH	DH/WH			,	: 1	,	ĺ		1
									/WH:	<u>:</u>								
									30 DAT	30 DAT								
									-1.14	-2.34								
									45 DAT	45DAT								
									-2.4460	-3.34								
									DAT –	60 DAT								
									1.76	-2.56	28,85							
9	Paddy								<u>Leaf</u>	<u>Leaf</u>	0	44,900						
									<u>folder</u>	folder								
									<u>Incidenc</u>	<u>Incidenc</u>								
									<u>e</u> :	<u>e :</u> 30 DAT								
									30 DAT	30 DAT								
									-2.86	-4.61								
									45 DAT	45 DAT								
									-3.44	-5.78								
									60 DAT	60 DAT								
		IDM (2.25	10.6	0.7	24.70/	11.7	0.7	-1.5	<i>−</i> 3.77	17.00	21.500	14.210	1.00	15.060	20, 600	10.640	1.70.1
		IPM	2.25	10.6	8.5	24.7%	11.5	9.7	Incidenc	Incidenc	17,29	31,500	14,210	1.82	15,960	28,600	12,640	1.79:1
										<u>e</u>	0			:1				
									<u>e</u> <u>Percenta</u>	<u>Percenta</u>								
									ge:	<u>ge</u> : 30 DAS								
10	Pea								30 DAS	-15%								
10	rea								- 5%	45 DAS								
									45 DAT	-25%								
									-10%	60								
									60 DAT	DAS-								
									-20%	35%								
		Increase	1.5	31.05	26.9	15.43	32	30.1			1550	20230	4730	1.3:	14800	18830	4030	1.2:1
11	Paddy	in							_	-	0			1				
		1																

		n and productiv ity																
12	Maize	Seed productio n	2.5	30	20.5	46.35	31	29	5% stem borer infestati on	-	2250	45000	22500	2:1	16500	30750	14250	1.87:1
13	Toria	Seed productio n	1	5.8	4.1	41.47	6.2	5.4	aphids infeatati on	20% aphids infeatati on	1050	29000	18500	2.77	9500	20500	11000	2.16:1
14	Pea	Increase productio n and productiv ity	1	9.45	8.1	16.67	9.8	9.1			1500	42525	27525	2.8:	14000	36450	22450	2.6:1

- H-Highest recorded yield, L- Lowest recorded yield
- ** GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio Produce Sale Price must be as per MSP or Registered Marketing Society Pl. apply the formula: Net Return= Gross Return-Gross Cost, BCR= GR/GC

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

d. Extension and Training activities under FLD on Crops

CI NI-	A satisfies	No. of activities	Data	Numb	er of parti	cipants	Remarks
SI.No.	Activity	organised	Date	Gen	SC/ST	Total	
1	Field days	7	04.07.14 28.08.14 14.11.14 19.9.14, 7.10.14 07/08/14, 22/12/14	4	131	135	Post harvest management and seed conservation technique was imparted among the farmers. Farmers stored their seeds for further multiplication.

2	Farmers Training	6	07.05.14 23.7.14 & 25.10.14 04/04/14, 07/05/14, 15/10/14		168	168	Farmers were imparted knowledge on maize, SRI and rabi crops cultivation practices.
3	Media coverage	2					
4	Training for extension functionaries						
5	Any other (Pl. specify) i.Method demonstration	1	9.8.14	-	13	13	-
	Total						

e. **Details of FLD on Enterprises**

(i) Farm Implements

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

^{*} Field efficiency, labour saving etc.

(ii) Livestock Enterprises

SI. No.	Enterpr ise/ Categor	Them atic	Name of	No. of	No. of	No. of animals,	Perfor	njor mance eters /	% chang e in	param ar	her eters (if ny)		(Rs.,	f dem /Ha.)			con. of (Rs./H	la.)		Remarks
	y (e.g., Dairy, Poultry etc.)	area	Techn ology	farme rs	unit s	poultry birds etc.	Demo	Check	the para meter	Demo	Check	GC **	GR **	N R* *	BC R* *	GC	GR	NR	BC R	
1	Poultry	Backy ard poultr y impro veme	Vanar aja	11	11	150	Body weigh t in 6 mont hs 2.6-	Body weigh t in 6 mont hs 1.1-	113- 136% increa se			31 50	57 78	26 28	1.	210	296	86	1.4	

		nt					3.2 Kg (2.9 kg Avg) Morta lity 20%	1.5 Kg (1.3 kg Avg) Morta lity 10%	10% more morta lity than check											
2	Goat	Healt h care	Strategi c dewor ming of Goats	10	10	28	Body weigh t 18- 22 Kg (20 Kg Avg.)	Body weigh t 16- 21 Kg (18.5 Kg Avg.)	Increa se in avg. body weigh t by 8.1%			15 50	40 00	24 50	2. 58	150 0	370 0	22 00	2.4 6	
3	Goat	Mana geme nt	Castrati on	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	

(iii) Fisheries

SI. No.	Categor y, e.g. Commo	Them atic	Name of	No. of	No. of	No. of fish/	Major Perform		% chang e in	Other parame any)	ters (if		n. of o /Ha.)	demo.	•	Econ. (Rs./H	of chec la.)	ck		Remark s
	n carp, orname	area	Techn	farme rs	unit s	fingerling	indicato	•	the para	Demo	Check	GC **	GR **	N R*	BC R*	GC	GR	NR	BC R	
	ntal fish etc.		ology			S	Demo	Check	meter					*	*					

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

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

(iv) Other enterprises

SI. No.	Category/ Enterprise, e.g., mushroom,	The ma tic	Name of	No. of	No. of units	Major Perform paramet		% chang e in the	Other parametany)	ters (if	Ecor (Rs./	n. of d 'Ha.)	emo.		Econ.	of check	< (Rs./	'Ha.)	Remarks
	vermicomp ost, apiculture etc.	are a	Techn ology	farmer s	aes	indicato Demo	rs Check	param eter	Demo	Check	GC **	GR **	NR **	BC R* *	GC	GR	NR	BC R	

(v) Farm Implements and Machinery

Sl. No.	Name of implement	Crop	Name of Technolog Y demonstra ted	No. of farmers	Area (In ha.)	Field observ (Output/ ma		% change in the parameter	Labour reduction (Man days)	Cost reduction (Rs. per ha. or Rs. per unit etc.)	Remarks
						Demo	Check				

f. Performance of FLD on Crop Hybrids

		Name of hybrids	Area (ha.)	No. of farmers	Avg. yield	d (Q/ha.)	% increase in Avg. yield	Addition data on yield (demo.	Econ. of o	lemo. (Rs./I	Ha.)		Econ. of c	heck (Rs./H	Ha.)	
Sl. No.	Crop				Demo.	Check		H*	L*	GC**	GR**	NR**	BCR **	GC	GR	NR	BCR
1	Tomato	Rocky F1	1.5	3	285	242	15.09	302	268	91650	30200 0	21035 0	1:3. 2	85450	19790 0	11245 0	1:2.3
2	Tomato	Namdhari Suraksha & Namdhari 812	2.0	3	264	239	9.47	294	234	85600	29400 0	20840 0	1:3. 4	83900	15620 0	72300	1:1.8
3	Broccoli	Harumi F1	2.0	4	109	92	15.6	120	98	98750	40000	14125 0	1:2. 4	96800	14170 0	44900	1:1.5

3.3. Achievements on Training (new)

3.3.1. Farmers and Farm Women in On Campus including Sponsored On Campus Training Programmes

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

(*Sp. On				/ prog		n og i a	111111111111111111111111111111111111111	эроп	301 00	. by (CACCII	iai ag	CHE	-31		Parti	cipant	·s								
	1101	<u> </u>	, u. 505				Ge	neral	1						SC/S		Стратт	.5			To	tal				
			Spo	Tota	N	lale		male		Tota	1	М	ale	F	emale		To	tal	M	ale		nale		Tot	al	Gran
Thematic area	On Cam us (1)	пр	n On*	(1+2)	On (4)	Sp. On (5)	On (6)	Sp. On (7)	Oı (a:	1 =	Sp.	On (8)	Sp. On (9)	Or (10	1 S ₁	p.	On (c= 8+10	Sp. On (d= 9+11	On (4+8)	Sp.	On (6+10)	Sp Oi (7+	n	On (x= a +c)	Sp. On (y= b +d)	d Total (x + y)
I. Crop Producti	on		-	-												ı					_	1				
Weed Management																										
Resource Conservatio																										
n Technologie																										
S																										
Cropping Systems																										
Crop Diversification																										
Integrated Farming																										
Water management																										
Seed production	1	-	1								15	-	!	9	-	24	-	15	; -		9		-	24	- 2	24
Nursery management																										
Integrated Crop																										
Managemen t																										

Fodder													
production													
Production													
of organic													
inputs													
II. Horticultur													
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													
standardizati													
on													
Protective													
cultivation													
(Green													
Houses, Shade Net													
etc.)													
b) Fruits													
										1	1	1	
Training and													
Pruning													
Layout and		<u> </u>											

t of Orchards Cultivation of Fruit Managemen t of young plants/orcha rds Rejuvenatio no fold orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques t) Ornamental Plants Managemen t of potted plants Managemen t tof potted plants Was potted by the control of orchards Export potential for the control or the	Managemen												
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potential of ornamental plants Propagation	Export												
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plants Propagation State	ornamental												
Propagation Propagation	plants												
	techniques												

of															
Ornamental															
Plants															
d) Plantation	crons														
Production	Liops													1	
and															
Managemen															
t technology															
Processing															
and value															
addition															
e) Tuber crops	<u> </u>														
Production															
and															
Managemen															
t technology															
Processing															
and value															
addition															
f) Spices	,	•	,	•			•	•		'				<u>'</u>	
Production															
and															
Managemen															
t technology															
Processing															
and value															
addition															
g) Medicinal a	nd Aroma	tic Plants		•											
Nursery															
management															
Production														Ţ	
and															
managemen															
t technology															
Post harvest	1				1	1	I	I					1		

	1	l	1	l			l	1	1	l	1 1						1	
technology																		
and value																		
addition																		
III Soil Health	and F	ertility I	Manage	ment			ı	ı	1	ı	1	1	,			1		
Soil fertility																		
management																		
Soil and Wate																		
Conservation																		
Integrated																		
Nutrient																		
Management																		
Production																		
and use of																		
organic																		
inputs																		
Managemen																		
t of																		
Problematic																		
soils																		
Micro																		
nutrient																		
deficiency in																		
crops																		
Nutrient Use																		
Efficiency																		
Soil and																		
Water																		
Testing																		
IV Livestock P	roduc	tion and	Mana	gemen	t		I	ı		I								
Dairy																		
Management																		
Poultry																		
Management																		
Piggery																		
Management																		
anagement		l	l	l			l	l	l	l			<u> </u>	1				

5 11 11	l	1		1		1	1	1					1		<u> </u>	I			1	
Rabbit																				
Management																				
Disease																				
Management																				
Feed																				
managemen																				
t																				
Production	1	-	1					5	-	20	-	25	-	5	-	20	-	25	-	25
of quality																				
animal																				
products																				
V Home Scien	ce/W	lomen e	mpowe	erment																
Household																				
food																				
security by																				
kitchen																				
gardening																				
and 																				
nutrition																				
gardening																				
Design and																				
developmen																				
t of																				
low/minimu																				
m cost diet																				
Designing																				
and																				
developmen																				
t for high																				
nutrient																				
efficiency																				
diet																				
Minimizatio																				
n of nutrient																				
loss in																				
1055 111																				

processing																			
Gender	2	-	2				20	-	30	-	50	-	20	-	30	-	50	-	50
mainstreami																			
ng through																			
SHGs																			
Storage loss																			
minimization																			
techniques																			
Value																			
addition																			
Income																			
generation																			
activities for																			
empowerme																			
nt of rural																			
Women																			
Location																			
specific																			
drudgery																			
reduction																			
technologies																			
Rural Crafts																			
Women and																			
child care																			
VI Agril. Engin	eerin	g		ı	ı		1		I							1			
Installation																			
and																			
maintenanc																			
e of micro																			
irrigation																			
systems Use of																			
Plastics in																			
farming																			
practices																			
practices																			

Production															
of small															
tools and															
implements															
Repair and															
maintenanc															
e of farm															
machinery															
and															
implements															
Small scale															
processing															
and value															
addition															
Post Harvest															
Technology															
VII Plant Prot	ection]	I.	l l		ı	l	l	l						
Integrated															
Pest															
Management															
Integrated															
Disease															
Management															
Bio-control															
of pests and															
diseases															
Production															
of bio															
control															
agents and															
bio															
pesticides															
VIII Fisheries					 1										
Integrated															
fish farming															

Carp											
breeding											
and											
hatchery											
managemen											
t											
Carp fry and											
fingerling											
rearing											
Composite											
fish culture											
Hatchery											
managemen											
t 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							1													
addition																				İ
	£ 1		:																	
IX Production		puts at s		1		I		10		10				10		10	1	2.0	1 1	
Seed	1	-	1					10	-	13	-	23	-	10	-	13	-	23	-	23
Production																				
Planting																				İ
material																				1
production																				<u> </u>
Bio-agents																				İ
production																				I
Bio-																				İ
pesticides																				1
production																				İ
Bio-fertilizer																				1
production																				İ
Vermi-																				
compost																				İ
production																				İ
Organic																				
manures																				İ
production																				İ
Production																				
of fry and																				İ
fingerlings																				İ
Production																				 I
of Bee-																				1
colonies and																				1
wax sheets																				1
Small tools																				
and																				I
implements																				1
Production																				 I
of livestock																				1
feed and																				I
fodder																				1
rouuer	1						<u> </u>													

Production of Fish feed																					
X Capacity Bui	lding	and Grou	ıp Dvna	mics									[
Leadership																					
development																					
Group dynamics																					
Formation and Managemen t of SHGs																					
Mobilization of social capital																					
Entrepreneu rial developmen t of farmers/you ths																					
WTO and IPR issues																					
XI Agro-forest	ry																				
Production technologies																					
Nursery management																					
Integrated Farming Systems																					
TOTAL	5		5						45		71		11	6	45	,	71	·	116		116
3.3.2. Achiev	emen	ts on Tra	ining of	f <u>Farme</u>	rs and F	arm Wo	<u>omen</u> i	n Off (Campus	includi	ing Sp	onsor	ed Off	Campu	<u>s</u> Traini	ng Progra	mmes		(*Sp	. Off	means
									rogrami												

	No. of	Part	Participants																Gran d			
	Off	Sp Off*		Gen	eral					SC/S	Т					Total						Tota
Thematic area			Tota	Male		Fem	nale	Total		Male	9	Fema	ale	Total		Male		Female		Total		
			I	Of f	Sp Off *	Of f	Sp Off *	Off	Sp Off *	Off	Sp Off *	Off	Sp Off *	Off	Sp Off*	Off	Sp Off *	Off	Sp Off*	Off	Sp Off *	
I. Crop Producti	on	_																				<u>l</u>
Weed Management																						
Resource Conservation Technologies	2	-	2							21	-	22	-	43	-	21	-	22	-	43	-	43
Cropping Systems	2	-	2							26	-	25	-	51	-	26	-	25	-	51	-	51
Crop Diversification	1	-	1							16	-	10	-	26	-	16	-	10	-	26	-	26
Integrated Farming	1	-	1							8	-	15	-	23	-	8	-	15	-	23	-	23
Water management	2	-	2							31	-	23	-	54	-	31	-	23	-	54	-	54
Seed production	3	-	3							33	-	37	-	70	-	33	-	37	-	70	-	70
Nursery management	1	-	1							4	-	14	-	18	-	4	-	14	-	18	-	18
Integrated Crop Management	3	-	3							26	-	42	-	68	-	26	-	42	-	68	-	68
Fodder production																						
Production of organic inputs	1	-	1							10	-	13	-	23	-	10	-	13	-	23	-	23

a) Vegetable Cr	ops																			
Production of low volume and high value	2	-	2					19	-	34	-	53	-	19	-	34	-	53	-	53
crops																				
Off-season vegetables																				
Nursery raising	1	-	1					11	-	12	-	23	-	11	-	12	-	23	-	23
Exotic vegetables like Broccoli	1	-	1					10	-	14	-	24	-	10	-	14	-	24	-	24
Export potential vegetables																				
Grading and standardizatio n																				
Protective cultivation (Green Houses, Shade Net etc.)																				
b) Fruits	l	<u>I</u>		<u>I</u>		<u> </u>	I			1			-1	1		1			l	
Training and Pruning																				
Layout and Management of Orchards	1	-	1					13	-	18	-	31	-	13	-	18	-	31	-	31
Cultivation of Fruit																				
Management of young plants/orchar ds																				
Rejuvenation of old																				

orchards																				
Export potential fruits																				
Micro irrigation systems of orchards																				
Plant propagation techniques																				
c) Ornamental F	Plants																			
Nursery Management																				
Management of potted plants																				
Export potential of ornamental plants																				
Propagation techniques of Ornamental Plants																				
d) Plantation cr	ops	•	1		•							•	1	•	•	•	•	•		
Production and Management technology																				
Processing and value addition	1	-	1					3	-	18	-	21	-	3	-	18	-	21	-	21
e) Tuber crops				1 1		1		1	1		1	ı	ı	1	1	I		ı	1	
Production and	1	-	1					15	-	10	-	25	-	15	-	10	-	25	-	25

N.4				1 1			I												
Management technology																			
Processing																			
and value																			
addition																			
f) Spices																			
Production	1	-	1				10	-	12	-	22	-	10	-	12	-	22	-	22
and																			
Management																			
technology																			
Processing																			
and value																			
addition																			
g) Medicinal an	d Aromatio	Plants																	
Nursery																			
management																			
Production																			
and																			
management																			
technology																			
Post harvest																			
technology and value																			
addition																			
III Soil Health ar	d Fertility	Manag	ement																
	iu i ei tiiity	ivialiag	ement				 												
Soil fertility																			
management																			
Soil and Water																			
Conservation																			<u> </u>
Integrated																			
Nutrient												[[
Management																			<u> </u>
Production																			
and use of												[[
organic inputs																			

		1		1			1			1	1	1		1	ı	1	1	1	
luction an	d Mana	gement	;																
2	-	2					16	-	25	-	51	-	16	-	25	-	51	-	51
1	-	1					10	-	15	-	25	-	10	-	15	-	25	-	25
1	-	1					20	-	5	-	25	-	20	-	5	-	25	-	25
2	-	2					28	-	18	-	46	-	28	-	28	-	46	-	46
'Women e	mpowe	erment																	
						l													
	1 1 2	2 - 1 - 2	2 - 2 1 - 1 1 - 1	1 - 1 1 2 - 2 - 2	2 - 2 1 1 - 1 1 - 1 2 - 2			2 - 2 16 1 - 1 10 1 - 1 20 2 - 2 28	2 - 2 16 - 10 - 11 20 - 28 - 16 28 -	2 - 2 1 - 1 1 - 1 2 - 5 2 - 2 2 - 18	2 - 2 16 - 25 - 11 10 - 15 - 11 20 - 5 - 18 - 18 - 18 - 18 - 18 - 18 - 18	2 - 2 16 - 25 - 51 1 - 1 10 - 15 - 25 1 - 1 20 - 5 - 25 2 - 2 28 - 18 - 46	2 - 2 16 - 25 - 51 - 1 - 1 10 - 15 - 25 - 1 - 1 20 - 5 - 25 - 2 - 2 28 - 18 - 46 -	2 - 2 16 - 25 - 51 - 16 1 - 1 10 - 15 - 25 - 10 1 - 1 20 - 5 - 25 - 20 2 - 2 28 - 18 - 46 - 28	2 - 2 16 - 25 - 51 - 16 - 1 - 1 10 - 15 - 25 - 10 - 1 - 1 20 - 5 - 25 - 20 - 2 - 2 28 - 18 - 46 - 28 -	2 - 2 16 - 25 - 51 - 16 - 25 1 - 1 10 - 15 - 25 - 10 - 15 1 - 1 20 - 5 - 25 - 20 - 5 2 - 2 28 - 18 - 46 - 28 - 28	2 - 2 16 - 25 - 51 - 16 - 25 - 1 - 1 10 - 15 - 25 - 10 - 15 - 1 - 1 20 - 5 - 25 - 20 - 5 - 2 - 2 28 - 18 - 46 - 28 - 28	2	2 - 2 16 - 25 - 51 - 16 - 25 - 51 - 17 1

				1	1	1	1	1		l					
cost diet															
Designing and															
development															
for high															
nutrient															
efficiency diet															1
Minimization															
of nutrient															
loss in															
processing															1
Gender															
mainstreamin															
g through															1
SHGs															1
Storage loss															
minimization															1
techniques															1
Value addition															
Income															
generation															
activities for															
empowermen															1
t of rural															
Women															ļ
Location															l
specific															
drudgery															
reduction															1
technologies			1												
Rural Crafts															
Women and															
child care															ĺ
VI Agril. Enginee	ring	•	•	,		•						'			
Installation															
and															ĺ
		<u> </u>				1	1			l					

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				1	+															
Technology																				
VII Plant Protec	tion	1	1	11	<u> </u>				1		1		1	<u> </u>	1				1	L
Integrated	3	-	3					84	-	44	-	128	-	84	-	44	-	128	-	128
Pest																				
Management																				
Integrated	1	-	1					19	-	27	-	46	-	19	-	27	-	46	-	46
Disease																				
Management																				
Bio-control of	2	-	2					29	-	41	-	70	-	29	-	41	-	70	-	70
pests and													1							1
diseases																				
Production of													1							
bio control													1							1
agents and bio																				1
pesticides		<u> </u>											<u> </u>				<u> </u>		<u> </u>	<u> </u>
VIII Fisheries																				

	1		 	 	 1		1		1		ı	1	
Integrated fish													ĺ
farming													1
Carp breeding													1
and hatchery													1
management													
Carp fry and													1
fingerling													1
rearing													ĺ
Composite fish													1
culture													ĺ
Hatchery													1
management													ĺ
and culture of													ĺ
freshwater													ĺ
prawn													ĺ
Breeding and													1
culture of													ĺ
ornamental													ĺ
fishes													ĺ
Portable													1
plastic carp													1
hatchery													ĺ
Pen culture of													ĺ
fish and prawn													ĺ
Shrimp													1
farming													ĺ
Edible oyster													1
farming													ĺ
Pearl culture													1
Fish						 		 			 		
processing													ĺ
and value													
addition											 		
IX Production of	f Inputs at si	ite											
Seed													
Production													ĺ
									l		l	l	

Planting																			[
material																			
production																			
Bio-agents																			
production																			
Bio-pesticides																			
production																			
Bio-fertilizer																			
production																			
Vermi-																			
compost																			
production																			
Organic																			
manures															1		1	1	i I
production															1		1	'	
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 Build	ling and G	roup Dy	namics																
Leadership	1	T -	1				13	-	10	-	23	-	13	-	10	-	23	-	23
development			-															'	
Group	1	-	1				10	-	15	-	25	-	10	-	15	-	25	-	25
dynamics			-												==			'	
Formation and																			
Management															1		1		i
of SHGs															1		1	'	
0.01100	1	1	1	ll		<u> </u>		l	1	l	1	1	l	l	1	1	1		

Mobilization	1	-	1				13	-	10	-	23	-	13	-	10	-	23	-	23
of social																			
capital																			
Entrepreneuri	1	-	1				10	-	15	-	25	-	10	-	15	-	25	-	25
al																			
development																			
of																			
farmers/youth																			
S																			
WTO and IPR																			
issues																			
XI Agro-forestry	1																		
Production																			
technologies																			
Nursery																			
management																			
Integrated																			
Farming																			
Systems																			
TOTAL	36	4	40				45	55	493	53	946	108	453	55	493	53	946	108	1054

(B) RURAL YOUTH

3.3.3. Achievements on Training Rural Youth in On Campus including Sponsored On Campus Training Programmes

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

	No. of	Courses	/ Prog	Par	ticipar	nts																Gra
			Tota	Gen	eral					SC/S	Т					Total						<mark>d</mark>
Thematic			1	Mal	e	Fem	ale	Total		Male	9	Fema	ale	Total		<mark>Male</mark>		<mark>Female</mark>		<mark>Total</mark>		Tot
area	On (1)	Sp On* (2)	(1+2	On (4)	Sp. On (5)	On (6)	Sp. On (7)	On (a= 4+6)	Sp. On (b= 5+7)	On (8)	Sp. On (9)	On (10)	Sp. On (11)	On (c= 8+10	Sp. On (d= 9+11)	On (4+8)	Sp. On (5+ 9)	On (6+10)	Sp. On (7+11)	On (x= a +c)	Sp. On (y= b +d)	(x + y)
Mushroom																						
Production																						ĺ
Bee-keeping																						
Integrated																						
farming																						1

Seed production Production	l
Production	
of organic	
inputs	
Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated	
Farming	
Planting	
material	
production	
Vermi-	
culture	
Sericulture	
Protected 1 - 1 12 - 13 - 25 - 12 - 13 - 25 -	25
cultivation of 12 13 25 12 15 25	
vegetable	
crops	
Commercial	+
fruit	
production	
Repair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and Sepair and	-
maintenance	
of farm	
machinery	
and	
implements	
Nursery 1 - 1	24
Management	
of	
Horticulture	
crops	
Training and	
pruning of	
orchards	
Value	

addition																			
Production																			
of quality																			
animal																			
products																			
Dairying																			
Sheep and																			
goat rearing																			
Quail																			
farming																			
Piggery																			
Rabbit																			
farming																			
Poultry																			
production																			
Ornamental																			
fisheries																			
Para vets																			
Para	1	-	1				8	-	16	-	24	-	8	-	16	-	24	-	24
extension																			
workers																			
Composite																			
fish culture																			
Freshwater																			
prawn																			
culture																			
Shrimp																			
farming																			
Pearl culture																			
Cold water																			
fisheries																			
Fish harvest																			
and																			
processing																			
technology																			

Fry and fingerling																			
rearing																			
Small scale processing																			
Post Harvest																			
Technology																			
Tailoring and																			
Stitching																			
Rural Crafts	1	-	1				10	-	14	-	24	-	10	-	14	-	24	-	24
TOTAL	4		4				40		57		97		40		57		97		97

3.3.4. Achievements on Training of <u>Rural Youth</u> in <u>Off Campus</u> including <u>Sponsored Off Campus</u> Training Programmes

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

	No. of Prog.	Courses	/										Partici	pants								Gran d
Thematic				Gen	eral					SC/S	T					Total						Total
		Sn	Tota	Mal	е	Fem	nale	Total		Male	е	Fem	ale	Total		Male		Fema	le	Total		
area	Off	Sp Off	I	Of f	Sp Off *	Of f	Sp Off *	Off	Sp Off *	Off	Sp Off *	Off	Sp Off *	Off	Sp Off*	Off	Sp Off *	Off	Sp Off*	Off	Sp Off *	
Mushroom																						
Production																						
Bee-keeping																						
Integrated																						
farming																						
Seed																						
production																						
Production																						
of organic																						
inputs																						
IPM	3	-	3							45	-	35	-	80	-	45	-	35	-	80	-	80
Planting																						
material																						
production																						
Vermi-																						

culture																			
Sericulture																			
Protected cultivation of	1	-	1				9	-	15	-	24	-	9	-	15	-	24	-	24
vegetable crops																			
Commercial																			
fruit																			
production																			
Repair and																			
maintenance																			
of farm																			
machinery																			
and																			
implements																			
Nursery																			
Management																			
of																			
Horticulture																			
crops																			
Training and																			
pruning of																			
orchards	0	_	0				1 =		กก		40		1 🚩		0.0		40	-	40
Value addition	2	-	2				15	-	33	-	48	-	15	-	33	-	48	-	48
Production																			
of quality																			
animal																			
products																			
Dairying																			
Sheep and																			
goat rearing																			
Quail				T															
farming																			
Piggery																			

Rabbit																			
farming																			1
Poultry	1	-	1				10	-	15	-	25	-	10	-	15	-	25	-	25
production																			
Ornamental																			
fisheries																			
Para vets																			
Para																			
extension																			
workers																			
Composite																			
fish culture																			
Freshwater																			
prawn																			
culture																			
Shrimp																			
farming																			
Pearl culture																			
Cold water																			
fisheries																			
Fish harvest																			
and																			
processing																			
technology																			
Fry and																			
fingerling																			
rearing																			
Small scale																			
processing																			
Post Harvest																			
Technology																			
Tailoring and																			
Stitching																			
Rural Crafts																			
TOTAL	6	1	7				66	9	95	13	161	22	66	9	95	13	161	22	183

C. Extension Personnel

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

(Sp. On mean	No. of C			Par	ticipar				,							ı						<mark>Gran</mark>
				Gen		1		1		SC/S		Т		1		Total						_ <mark>d</mark>
			Tota	Mal	e	Fem	ale	Total		Male	•	Fema	ale	Total		<mark>Male</mark>		Female Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Propert		<mark>Total</mark>		<mark>Total</mark>
Thematic area	On (1)	Sp On* (2)	(1+2)	On (4)	Sp. On (5)	On (6)	Sp. On (7)	On (a= 4+6)	Sp. On (b= 5+7	On (8)	Sp. On (9)	On (10)	Sp. On (11)	On (c= 8+10)	Sp. On (d= 9+11)	On (4+8)	Sp. On (5+ 9)	On (6+10)	Sp. On (7+11)	On (x= a +c)	Sp. On (y= b +d)	(x + y)
Productivity enhancement in field crops	1	-	1							15	-	9	-	24	-	15	-	9	-	24	-	24
Integrated Pest Management																						
Integrated Nutrient management																						
Rejuvenation of old orchards																						
Protected cultivation technology																						
Formation and Management of SHGs	1	-	1							8	-	7	-	15	-	8	-	7	-	15	-	15
Group Dynamics and farmers organization Information																						

networking											
among											
farmers											
Capacity											
building for											
ICT											
application											
Care and											
maintenance											
of farm											
machinery											
and											
implements											
WTO and IPR											
issues											
Management											
in farm											
animals											
Livestock											
feed and											
fodder											
production											
Household											
food security											
Women and											
Child care											
Low cost and											
nutrient											
efficient diet											
designing											
Production											
and use of											
organic											
inputs											
Gender											

mainstreami												
ng through												
SHGs												
TOTAL	2	2				23	16	39	23	16	39	39

3.3.6. Achievements on Training of Extension Personnel in Off Campus including Sponsored Off Campus Training Programmes

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

	No. of C	Courses,	/ prog.	Part	icipan	ts																Gran
				Gen	eral					SC/S	Т					Total						d
Thematic		Cn	Tota	Mal	е	Fem	nale	Total		Male	9	Fema	ale	Total		Male		Female)	Total		Total
area	Off	Sp Off*	I	Of f	Sp Off *	Of f	Sp Off *	Off	Sp Off *	Off	Sp Off *	Off	Sp Off *	Off	Sp Off*	Off	Sp Off *	Off	Sp Off*	Off	Sp Off *	
Productivity enhancemen t in field crops																						
Integrated Pest Management	1	-	1							19	-	12	-	31	-	19	-	12	-	31	-	31
Integrated Nutrient management Rejuvenation																						
of old orchards																						
Protected cultivation technology																						
Formation and Management of SHGs																						
Group Dynamics and farmers																						

organization																			
Information	1	-	1				15	-	10	-	25	-	15	-	10	-	25	-	25
networking																			
among																			
farmers																			
Capacity																			
building for																			
ICT																			
application																			
Care and																			
maintenance																			
of farm																			
machinery																			
and																			
implements																			
WTO and IPR	2	-	2				34	-	8	-	42	-	34	-	8	-	42	-	42
issues																			
Management	1	-	1				15	-	10	-	25	-	15	-	10	-	25	-	25
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												
mainstreami												
ng through												
SHGs												
TOTAL	5	5				83	40	123	83	40	123	123

Annexure 1: Details of Training Programme (On Campus including Sponsored On Campus) for Farmers, Farm Women, Rural Youth and Extension Personnel

Discipline Area of trainin g		Title of the training	Date (From –	Duration in days	Venue	Please specify Beneficiary group (Farmer & Farm women/ RY/ EP and		General rticipan	ts		SC/S	Т	G	rand To	tal
	g	programme	to)			NGO Personnel)	М	F	Т	М	F	Т	М	F	Т
Extension		Gender mainstream	17/4/14	1	KVK,Co nferren	Farmer & Farm women				10	15	25	10	15	25
		ing through SHGs			ce Hall										
GPB	Seed Produ ction	Plant propagation technique in tapioca	25/4/20 14	1	KVK Confere nce hall	Farmer & Farm women				10	13	23	10	13	23
Extension		Gender mainstream ing through SHGs	8/5/114	1	KVK,Co nferren ce Hall	Farmer & Farm women				10	15	25	10	15	25
Vety.&A.H		Value addition of meat products	8-9/5/14	2	KVK confere nce Hall	Farmer & Farm women				5	20	25	5	20	25
GPB	Seed Produ ction	Seed conservatio n technique in cucumber	12/5/20 14	1	KVK Confere nce hall	EP				15	9	24	15	9	24

Agronomy	Produ ctivity enhan cemen t in field crops	Cultivation of HYV paddy and maize	12/5/14	1	KVK confere nce Hall	Farmer & Farm women			8	18	10	8	18
Extension		Formation and managemen t of SHGs	22/7/14	1	KVK,Co nferren ce Hal	EF	8	3	7	15	7	8	15
Horticultur e	Protec ted cultiva tion techn ology	Protected cultivation	26/9/14	1	KVK confere nce Hall	RY	1	12	13	25	12	13	25
Horticultur e	9,	Vegetable nursery managemen t and cultivation of winter crops	12/10/1	1	KVK confere nce Hall	RY	1	LO	14	24	10	14	24
Extension		Entreprene urial developmen t of youth	9/12/14	1	KVK,Co nferren ce Hall	RY	1	LO	14	24	10	14	24
Extension		Entreprene urial developmen t of youth	12/2/15	1	KVK,Co nferren ce Hall	RY	8	3	16	24	8	16	24

Annexure 2: Details of Training Programme (Off Campus including Sponsored Off Campus) for Farmers, Farm Women, Rural Youth and Extension Personnel

Discipline	Area of trainin	Title of the training	Date (From –	Duration in days	Venue	Please specify Beneficiary group (Farmer & Farm women/ RY/ EP and		General rticipan			SC/S	Т	Gı	rand To	tal
	g	programme	to)			NGO Personnel)	M	F	Т	М	F	Т	М	F	Т
Vety.&A.H	Manag ement in farm animal s	Improved dual purpose bird- Vanaraja	2/4/14	1	Longmi sa	Farmer & Farm women				6	10	16	6	10	16
Agronomy	Produc tivity enhanc ement in field crops	Cultivation of composite Maize	22/04/1 4	1	Sungrat su	Farmer & Farm women				10	15	25	10	15	25
Agronomy	Produc tivity enhanc ement in field crops	Cultivation of HYV paddy and maize	9/5/14	1	Longkh um	Farmer & Farm women				16	10	26	16	10	26
Horticultur e		Cultivation of large cardamom	14/5/14	1	Yimchal u	Farmer & Farm women				10	12	22	10	12	22
Agronomy	Produc tivity enhanc ement in field crops	Cultivation of HYV paddy and maize	19/5/14	1	Kinunge r	Farmer & Farm women				16	10	26	16	10	26
Agronomy		SRI	10/6/14	1	Aliba	Farmer & Farm women				13	10	23	13	10	23
Vety.&A.H		Small scale poultry production	10/6/14	1	Kupza	RY				10	15	25	10	15	25
GPB	Integra ted Crop	Cultivation practices of	16/6/20 14	1	Longsa	Farmer & Farm women				8	15	23	8	15	23

	Manag ement	upland paddy													
Extension		Mobilization of social capital in villages	17/6/14	1	Akhoya	Farmer & Farm women				13	10	23	13	10	23
Agronomy		SRI	16/7/14	1	Longsa	Farmer & Farm women				10	15	25	10	15	25
Vety.&A.H	Manag ement in farm animal s	Improved dual purpose- vanaraja bird	16/7/14	1	Kupza	Farmer & Farm women				10	15	25	10	15	25
Plant protection	Bio- contro I	Bio- intensive integrated Pest managemen t in Paddy	23.07.14	1	Mopun gchuket	Farmer & Farm women	-	-	-	12	25	37	12	25	37
Agronomy		Cultivation practices of pulses-pigeon pea	2/8/14	1	Aokum	Farmer & Farm women				7	11	18	7	11	18
GPB	Integra ted Crop Manag ement	Cultivation practices of French bean	4/8/201 4	1	Kubza	Farmer & Farm women				10	14	24	10	14	24
Vety.&A.H	Manag ement in farm animal s	Goatry managemen t and production	7/8/14	1	Ungma	Farmer & Farm women				20	5	25	20	5	25
Plant protection	IPM	Integrated Pest Manageme nt - an Overview	8.8.14	1	Mokokc hung	RY	-	-	-	9	13	22	9	13	22

Horticultur		Protected	9/8/14	1	Longkh	RY				9	15	24	9	15	24
е		cultivation			um										
GPB	WTO and IPR issues	Protection of Plant Varieties and Farmers Right Act	30/8/20 14	1	Mokokc hung DAO office	EP				14	4	18	14	4	18
GPB	WTO and IPR issues	Recent approaches in crop improveme nt	15/9/20 14	1	Mokokc hung DAO office	EP				20	4	24	20	4	24
Extension		Leadership development in village	16/9/14	1	Longkh um	Farmer & Farm women				13	10	23	13	10	23
Horticultur e		Package practices of winter vegetables	16/9/14	1	Longjan g	Farmer & Farm women				10	14	24	10	14	24
Agronomy		Cultivation practices of pulses- french bean	17/9/14	1	Mangm etong	Farmer & Farm women				10	14	24	10	14	24
Vety.&A.H	Manag ement in farm animal s	Advances in swine health care	17/9/14	1	Kupza	Farmer & Farm women				10	15	25	10	15	25
Plant protection	IDM	Safeguardin g crops from diseases through seed treatment – a practical	27.9.14	1	Longkh um	Farmer & Farm women	-	-	-	19	27	46	19	27	46

		approach													
Plant protection	Benefi cial Organi sm	Cultivation of Mushroom & Manageme nt of its Pests	9.10.14	1	Chuchu yimban g	RY	-	-	-	27	19	46	27	19	14
Horticultur e		Package practices of winter vegetables	10/10/1	1	Yimchal u	Farmer & Farm women				11	12	23	11	12	23
Vety.&A.H		Climate change and livestock	15/10/1 4	1	Aliba	EP				15	10	25	15	10	25
Vety.&A.H		New drugs in vety. Practice	20/10/1 4	1	Chungti a	EP				15	10	25	15	10	25
Extension		Information networking among farmers	20/10/1	1	Yimchal u	Farmer & Farm women				10	15	25	10	15	25
GPB	Seed Produc tion	Seed conservatio n in paddy	21/10/2 014	1	Wamek en	Farmer & Farm women				10	12	22	10	12	22
Plant protection	IPM	IPM for Sustainable Agriculture	23.10.14		Longkh um	Farmer & Farm women	-	-	-	34	17	51	34	17	51
Plant protection	Biologi cal contro I	Biological Control of Insect Pests & Diseases for Organic farming	25.10.14	1	Aliba	Farmer & Farm women	-	-	-	17	17	33	17	16	33
Plant protection	IPM	Post harvest managemen	8.11.14	1	Mangm etong	Farmer & Farm women	-	-	-	21	15	36	21	15	36

		t of Maize against Stored pests										
Horticultur e	Post Harves t Techno logy	Value addition on orange	8/11/14	1	Salulam ang	Farmer & Farm women	3	18	21	3	18	21
Vety.&A.H	Manag ement in farm animal s	Pig and poultry managemen t under changing climate	10/11/1	1	Aliba	Farmer & Farm women	11	10	21	11	10	21
GPB	Seed Produc tion	Seed conservatio n in paddy	11/11/2 014	1	Longjan g	Farmer & Farm women	13	10	23	13	10	23
Agronomy		Oilseed and pulses cultivation practices.	17/11/1 4	1	Salulam ang	Farmer & Farm women	9	17	26	9	17	26
Vety.&A.H		Zoonosis and its importance	19/11/1 4	1	Chungti a	Farmer & Farm women	17	8	25	17	8	25
Extension		Managing group dynamics	25/11/1 4	1	Longkh um	Farmer & Farm women	10	15	25	10	15	25
Horticultur e	Rejuve nation of old orchar ds	Orange orchard managemen t	5/12/20 14	1	Kupza	Farmer & Farm women	13	18	31	13	18	31
Agronomy		Oilseed and pulse production practices	9/12/20 14	1	Kupza	Farmer & Farm women	4	14	18	4	14	18
GPB	Value	Value	10/12/2	1	Molong	RY	5	18	23	5	18	23

	additio n	addition in pine apple orange	014												
Plant protection	IPM & IDM	Insect Pest & Diseases of Citrus and their Manageme nt	10.12.14	1	Mekuli	EF	-	-	-	19	12	31	19	12	31
Agronomy	Post Harves t Techno logy	Post harvest storage and managemen t	16/12/2 014	1	Longjan g	Farmer & Farm women				8	12	20	8	12	20
Plant protection	IPM	Hand-on Training for Soil Application of Insecticides against Soil Insect Pest	14.1.15	1	Longna k	Farmer & Farm women	-	-	-	29	12	41	29	12	41
GPB	Value additio n	Value addition in tapioca	21/1/20 15	1	Mokokc hung	RY				6	15	21	6	15	21
Agronomy	Post Harves t Techno logy	Post harvest managemen t on oilseeds	22/1/15	1	Moalen den	Farmer & Farm women				10	14	24	10	14	24

(D) Vocational training programmes for Rural Youth

Crop /	Date (From	Durati	Are	Trai	No. of Parti	cipants		Impact of training in terms of Self	Whether Sponsored by
Enterprise	– To)	on	a of	ning	General	SC/ST	Total	employment after training	external funding
		(days	trai	title					agencies (Please
			ning	*					Specify with amount of
									fund in Rs.)

		М	F	Τ	М	F	Т	М	F	Т	Type of	Num	Numbe	Avg.	
											enterpri	ber	r of	Annual	
											se	of	person	income in	
											venture	units	S	Rs.	
											d into		employ	generated	
													ed	through	
														the	
														enterprise	

^{*}training title should specify the major technology /skill transferred

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

							No. o	f Partic	ipants							Spons	Amount
On/ Off/ Vocational	Beneficiary group (F/ FW/ RY/ EP)	Date (From- To)	Duration (days)	Discipline	Area of training	Title	Gene		1	SC/ST	Γ	1 _	Total	1		oring Agenc y	of fund received (Rs.)
off	PF	15/4/14	1	Agronomy		Commercial cultivation of tuber crops	M	F	Т	15	10	25	15	10	25	CTCRI	15000/-
off	PF	14/5/14	1	Agronomy		SRI				18	7	25	18	7	25	NFSM	15000/-
OFF	PF	17/7/14	1	Horticulture		Value addition of tomato and chily				9	20	29	9	20	29	ATMA	10000/-
off	PF	19/7/14	1	Agronomy		SRI				13	16	29	13	16	29	ATMA	5000/-
Off	RY	8.8.14	1	Plant Protection	IPM	Integrated Pest Management - an Overview	-	-	-	9	13	22	9	13	22	Nehr u Yuva Kendr a, Moko kchun g	-
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) during 2014-15

Sl. No.		Topic	Date and		Partic											
	Extension Activity		duration	No. of activities	Gener (1)	al		SC/S7 (2)	Γ		Exten Offici (3)			Grand (1+2)	l Total	
					M	F	T	M	F	T	M	F	T		F	T
	Advisory services			44				166	183	349				166	183	349
	Diagnostic visit			72				200	231	431				200	231	431
	Field day			-												
	Group Discussion			23				238	195	433				238	195	433
	Kishan Gosthi			-												
	Kishan Mela			-												
	Film show			-												
	SHG formation			1				16	-	16				16	-	16
	Exhibition			2				-	-	-				-	-	-
	Scientists visit to farmers fields			28				69	70	139				69	70	139
	Plant/ Animal Health camp			-												
	Farm science club			-												
	Ex-trainee Sammelan			-												
	Farmers seminar/ workshop			-												
	Method demonstration			13				140	145	285				140	145	285
	Celebration of important			-												
	days															
	Exposure visits			-												
	Electronic media (CD/DVD)			-												
	Extension literature			1				-	-	-	-	-	-	-	-	-
	Newspaper coverage			-												
	Popular articles			-												
	Radio talk			-												
	TV talk			-												
	Training manual			-												
	Soil health camp			-												
_	Awareness camp			-												
	Lecture delivered as resource			25				344	269	613				344	269	613

	person												
	PRA		-										
	Farmer-Scientist interaction		=										
	Soil test campaign		-										
	Mahila Mandal Convener		=										
	meet												
	Any other (Please specify)		6			107	121	228		107	121	228	
			=										
Grand Total				213			1264	1214	2478		1264	1214	247

3.5 Production and supply of Technological products during 2014-15

A. SEED MATERIALS

Major group/class	Crop	Variety	Quantity (qt)	Value (Rs.)	Number of	recipient/ bene	eficiaries
					General	SC/ST	Total
CEREALS							
	Maize	RCM-76	4.5	15750	-	15	15
	Paddy	CAU R-1	6.5	13000	-	30	30
OILSEEDS							
	Toria	TS-36	3	13500	-	25	25
PULSES							
	Kidney bean	Tuensang local	1.35	9000	-	6	6
VEGETABLES							
FLOWER CROPS							
OTHERS (Specify)	Taro	Muktakeshi	4.7	11750		45	45
	Ginger	Nadia	2.6	13000		17	17

A1. SUMMARY of Production and supply of Seed Materials during 2014-15

Sl. No.	Major group/class	Quantity (ton.)	Value (Rs.)	Number of recipient/ ber	neficiaries	
				General	SC/ST	Total
1	CEREALS					

2	OILSEEDS				
3	PULSES				
4	VEGETABLES				
5	FLOWER CROPS				
6	OTHERS	0.73	24750	62	62
TOTAL					

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

Major group/class	Crop	Variety	Numbers (In Lakh)	Value (Rs.)	Number of	recipient benef	iciaries
					General	SC/ST	Total
Fruits							
Spices							
Ornamental Plants							
VEGETABLES	Tomato	Rocky	0.02	6000		25	25
	Chilli	Pusa Jwala	0.03	9000		30	30
	Capsicum	Swarna	0.01	3000		15	15
	Broccoli	Harumi	0.02	6000		25	25
Forest Spp.							
Plantation crops							
Medicinal plants							
OTHERS (Pl. Specify)	Cassava	Sree Jaya	0.05	15000		13	13
		,					

B1. SUMMARY of Production and supply of Planting Materials (In Lakh) during 2014-15

SI. No.	Major group/class	Numbers (In Lakh)	Value (Rs.)	Number of recipient beneficiaries		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	-	General	SC/ST	Total
1	Fruits					
2	Spices					
3	Ornamental Plants					
4	VEGETABLES	0.08	24000		95	95
5	Forest Spp.					
6	Medicinal plants					
7	Plantation crops					
8	OTHERS (Specify)	0.05	15000		13	13

TOTAL	0.13	39000	108	108

C. Production of Bio-Products during 2014-15

Major group/class	Product Name	Species	Quantity	Quantity		Number of	Number of Recipient /beneficiaries	
			No	(qt)				
						General	SC/ST	Total
BIOAGENTS								
BIOFERTILIZERS								
1								
BIO PESTICIDES								
1								

C1. SUMMARY of production of bio-products during 2014-15

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

D. Production of livestock during 2014-15

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

D1. SUMMARY of production of livestock during 2014-15

Sl. No.	Livestock category	Breed	Quantity		Value (Rs.)		Number of Recipient beneficiaries	
			Nos	(kg)		General	SC/ST	beneficiaries
1	CATTLE							
2	GOAT	Beetle cross Assam local	7 kids	-	14000	-	7	7
3	POULTRY							
4.	PIGGERY							
5	FISHERIES							
6	OTHERS (PI. specify)							
	TOTAL							

3.6. Literature Developed/Published (with full title, author & reference) during 2014-15

(A) KVK News Letter ((Date of start, Periodicity, number of copies distributed etc.):	<u>:</u>
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(B) Articles/ Literature developed/published

Item	Title /and Name of Journal	Authors name	Number of copies
Research papers			
	Performance of different varieties of Broccoli under rainfed	Renbomo Ngullie and Pijush Kanti Biswas	
	mid-hill conditions of Mokokchung district, Nagaland.		
	International Journal of Farm Sciences		
	Performance evaluation of tomato varieties under mid-	Renbomo Ngullie and Pijush Kanti Biswas	
	altitude of Mokokchung district of Nagaland		
	International Journal of Farm Sciences		
	Performance of Capsicum under protected and open field	Renbomo Ngullie and Pijush Kanti Biswas	
	conditions under Mokokchung District of Nagaland		
	Advanced Research Journal of Crop Improvement		
	A Late CON an Parity of the LTD Late L	Di i i i i i i i i i i i i i i i i i i	
	Adoption of Climate Resilient Agricultural Technologies	Pijush Kanti Biswas, Renbomo Ngullie,	
	and its Impact on Aliba village under Mokokchung district	Samuel Sangtam, Rongsensusang,	
	of Nagaland.	Ruyosu Nakro, Bendangjungla, Ruopfüselhou	
	Asian Journal of Environmental Sciences	Kehie and Shilunokdang Jamir.	

	Performance of Different Bittergourd Genotypes under Mokokchung District of Nagaland International Journal of Farm Sciences	Renbomo Ngullie and Pijush Kanti Biswas	
Training manuals	Training Manual on Propagation of Fruit Trees and Other Plants	Pijush Kanti Biswas, Renbomo Ngullie, and Shilunokdang Jamir.	50
Technical Report			
Book/ Book Chapter			
Popular articles			
Technical bulletins			
Extension bulletins	Glimpses of NICRA Activities by KVK Mokokchung	Pijush Kanti Biswas, Renbomo Ngullie, Samuel Sangtam, Rongsensusang, Ruyosu Nakro, Bendangjungla, Ruopfüselhou Kehie and Shilunokdang Jamir	100
Newsletter	KVK Newsletter Vol.4(Issue-2)		100
	KVK Newsletter Vol.5 (Issue-1)		100
Conference/ workshop proceedings			
Leaflets/folders	Package of practices of Broccoli	Renbomo Ngullie	100 Each
	Cultivation of summer cabbage	Renbomo Ngullie	
	Package of practices of Red Cabbage	Renbomo Ngullie	
	Banana Orchard Management	Renbomo Ngullie	
	The importance of Book Keeping and their usage for SHGs	Ruyosu Nakro	
	Training Needs Assessment	Ruyosu Nakro	
	Recent Approaches in Crop Improvement	Bendangjungla.l	
	Nagaland Nung Amshitsu Tsuk Mesu Tajungtem	Bendangjungla.l.	
	Releasing Trichogramma SPP (A Farmers'Friend) for Bio- Control of Insect Pests	Dr.Ruopfuselhou Kehie	
	Package of Practices of Toria	K. Samuel Sangtam	
	Jhum Cultivation A way of life	K, Samuel Sangtam	
	Care & Management of Pregnant Sow	Dr. Rongsensusang	
	Care and Management of Piglets	Dr. Rongsensusang	
e-publications			
Any other (Pl. specify)			
TOTAL			

(C) Details of Electronic Media Produced

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

- 3.7. Success stories/Case studies, if any (two or three pages write-up on each case with suitable action photographs)
- 3.8 Give details of innovative methodology/technology developed and used for Transfer of Technology during the year
- 3.9 Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK

- 3.10 Indicate the specific training need analysis tools/methodology followed for
 - Identification of courses for farmers/farm women
 - Rural Youth
 - Extension personnel
- 3.11 Field activities
 - i. Number of villages adopted
 - ii. No. of farm families selected
 - iii. No. of survey/PRA conducted
- 3.12. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab

:Completed

1. Year of establishment

:2011

2. List of equipments purchased with amount:

Sl. 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		7	2,01,903

3. Details of samples analyzed so far

Details	No. of Samples	No. of Farmers	No. of Villages	Amount (In Rupees) realized
Soil Samples	15	15	5	375
Water Samples	-	-	-	-
Plant Samples	-	-	-	-
Petiole Samples	-	-	-	-
Total	15	15	5	375

Details of SMS/ Voice Calls sent on various priority areas

Message	Crop		Livestock		Weather		Marketing		Awareness		Other Ent.		Total	
type	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of
	Message	Ben	Message	Benef	Message	Benef	Message	Benefi	Message	Benef	Message	Benef	Message	Benefi
		eficiary		iciary		iciary		ciary		iciary		iciary		ciary
Text only	50	4050	26	1605	39	3384	8	651	8	651	10	615	141	10956
Voice	13	13	21	21	15	15	7	7	11	11	16	16	83	83
only														
Voice and	-	-	_	-	_	-	-	-	-	-	-	-	-	-
Text both														
Total	63	4063	47	1626	54	3399	15	658	19	662	26	631	224	11039

3.14 Contingency planning for 2015-16

Crop based Contingency planning

Contingency (Drought/ Flood/ Cyclone/ Any other please specify)	Proposed Measure	Proposed Area (In ha.) to be covered	Number of beneficiaries proposed to be covered		
			General	SC/ST	Total
	Introduction of new variety or crop				
	Introduction of Resource Conservation Technologies				
Drought	In-situ moisture conservation	5		75	75
Drought	Mulching with crop residues and polythene sheets	2		100	100

	Distribution of seeds and planting materials	2	50	50
	Any other (Please specify)			
Drought, pest & disease	Protected cultivation		30	30
infestation				

a. Livestock based Contingency planning

Contingency (Drought/ Flood/ Cyclone/ Any other please specify)	Number of birds/ animals to be distributed	No. of programmes to be undertaken	No. of camps to be organized	Proposed number of animals/ birds to be covered through camps	Number of beneficiaries propos to be covered		
	distributed				General	SC/ST	Total
Improvement of Swine Production through introduction of superior breed	30 pigs	1				10	10
Disease control and management during flood	-	2	2	300		150	150
Feed and Fodder cultivation for animal feed security	-	1	-	-		20	20

4.0. IMPACT

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

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

5.0. LINKAGES ESTABLISHED

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 during 2014-15- (NA)

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

5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes/No

Sl. No.	Programme	Nature of linkage	Remarks
1	Training, trial & Demonstration,	Resource person and programme Planning,	Actively participating in programme
1	Exhibition	implementation and monitoring	implementation

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 DURING 2014-15

6.1 Performance of demonstration units (other than instructional farm)

SI. No. Demo Unit		Year of estd.	Area	Details of production			Amount (Rs.)		
	Demo Unit			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	-	-	-
3	Goatery	2013							

6.2 Performance of instructional farm (Crops) including seed production

Nome	Data of	Date of harvest		Details of p	roduction		Amount (Rs.)	
Name of the crop	Date of sowing		Area (ha)	Variety	Type of Produce	Qty.	Cost of inputs	Gross income	Remarks
Cereals									
Rice	5/06/14	27/11/14	0.065	CAU R1	Seed	950kg	2500	3200	High yield
Wheat									
Maize	6/4/14	3/8/14	0.050	RCM-76	Seed	350kg	1200	1225	-
Any other									
Pulses									
Green gram									
Black gram									
Arhar									
Lentil									
Ay other									
Pea	12/10/14	27 jan-10	0.025	Arkel	Pod	0.72	850	1080	-

Soybean	14/06/14	feb 2015 16/12/14	0.022	JS-355	Pod	0.32	650	1120	-
Oilseeds	1		-	1		1	<u>'</u>		
Mustard									
Soy bean									
Groundnut									
Any other									
Fibers						<u>.</u>			<u> </u>
Spices & Plantation crops									
Floriculture									
Fruits									
Vegetables									
i.cabbage	12/8/14	4/12/14	6m ²	DISA-F ₁	curd	6kgs		Rs 180	
ii.Tomato	22/9/14	13/1/15 22/1/15	8m ²	rocky	fruit	12kgs		Rs 360	
iii.cabbage	22/9/14	16/2/15	6m ²	Wonder ball	head	2kgs		Rs 30	2 nd harvest to be done
iv.pea	29/9/14	10/2/15	6m ²	arkel	pod	4kgs		Rs 120	Do -
Others (specify)		•	•	·		<u> </u>	•		•

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

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

6.4 Performance of instructional farm (livestock and fisheries production)

SI.	Name	Details of productio	n		Amount (Rs.)			
No	of the animal / bird / aquatics	Breed/ species	Type of Produce	Qty.	Cost of inputs	Gross income	Remarks	
1	Goat	Beetle Crossed Assam local	Kids	7	10000	14000		

6.5 Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

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

6.6. Utilization of hostel facilities (Month-Wise) during 2014-15: 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					

Note: (Duration of the training course X No. of trainees)=Trainee days

7. FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location/ Branch	Account Number
With Host Institute	State Bank of India	Lerie, Kohima	01000050059
With KVK	State Bank of India	Mokokchung, Main Branch	01000050913
Revolving Fund			

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

Itam	Released by ICAR/ZPD		Expenditure		Unspent balance as on 31st March, 2015	
Item	Year	Year	Year	Year	Unspent balance as on Sist March, 2013	
Inputs						
Extension activities						
TA/DA/POL etc.						
TOTAL						

7.3 Utilization of KVK funds during the year 2014 -15

S.	Particulars	Sanctioned	Released	Expenditure
No.	Particulars	(in Lakh)	(in Lakh)	(in Lakh)
A. Red	curring Contingencies			
1	Pay & Allowances	78.00	45.68	45.68
2	Traveling allowances	1.5	-	-
3	Contingencies 25	.5 11.5	11.5	
Α	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			
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			
Ε	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	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			
TOTAI	L (A)	25.50	11.50	11.50
B. Noi	n-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)			
TOTAI	L (B)			
C. REV	OLVING FUND			
GRAN	D TOTAL (A+B+C)	25.50	11.50	11.50

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 2012 to March 2013	25,500	20,000	15,500	30,000
April 2013 to March 2014	30,000	25,000	30,000	25,000
April 2014 to March 2015	25,000	44,350	9,500	34,850

8.0 Please include information which has not been reflected above.

8.1 Constraints

(a) Administrative :

Need for more staffs supporting staffs

We have soil testing lab but no technicians to handle it.

(b) Financial:

- 1. As our KVK established in a hilly area, It is very costly to undertake different extension activities and vehicle maintenance. So, we required more contingency as per our topography and periphery of work concern.
- 2. Comparatively with other SMSs, Animal

Science division needs more fund for conducting of any trials. So, amount of fund for OFT, FLD and trainings should be on par with our requirement

3. Since, single host is running many KVKs, submission of utilization certificate on time gets delayed and due to that, fund release process get delayed. So to make ease and function the activities smoothly, disbursement of fund to individual KVK account directly will help for smooth functioning of the KVK.

(c) Technical :

- 1. Need of one mushroom unit, green house, sericulture unit and bio control lab for production of bio-control agents
- 2. Need of VSAT and power generator
- 3. Need of one row paddy transplanted, power tiller, mini mechanical thresher, mini paddy reaper, auto clave, laminar flow chamber, BOD incubator etc

(Signature) Programme Coordinator