

ANNUAL ACTION PLAN: 2012-13 (APRIL 2012 TO MARCH 2013)**PART – I****(GENERAL INFORMATION)****1. General information about the KVK****Name and address of KVK with Phone, Fax and E-mail***

Complete postal address with Pin Code	Telephone	Fax	E mail
KVK, Mokokchung Post Box No – 23 Mokokchung – 798601 Nagaland	0369/2225121	0369/2225121	kvmokokchung@gmail.com kvmokokchung@rediffmail.com

Name and address of host organization with Phone, Fax and E-mail*

Complete postal address with Pin Code	Telephone	Fax	E mail
Directorate of Agriculture, Kohima – 797111 Nagaland.	0370/2243116	0370/2243970	agrilandkvm@rediffmail.com.

Name of the Programme Coordinator with Landline & Mobile No*

Name of PC	Contacts		
	Residence	Mobile	E mail
Dr. Bendangyanger	-	9436004778	-

*** = Mandatory and to be provided without fail.****Year of sanction of KVK: 2003****Scientific Staff Position* (As on 31st January, 2012)**

No.	Sanctioned posts	Name of the incumbent	Designation	Discipline	Date of joining	Permanent /Temporary
1	Programme Coordinator	Dr. Bendangyanger	i/c Programme Coordinator	APM	20.06.11	Temporary
2	Subject Matter Specialist	Renbomo Ngullie	Subject Matter Specialist	Horticulture	24.05.06	Temporary
3	Subject Matter Specialist	Dr. Rongsensusang	Subject Matter Specialist	Vety & AH	24.05.06	Temporary
4	Subject Matter Specialist	Samuel Sangtam	Subject Matter Specialist	Agronomy	24.05.06	Temporary
5	Subject Matter Specialist	Akangtemjen	Subject Matter Specialist	Entomology	24.05.06	Temporary
6	Subject Matter Specialist	Bendangjungla	Subject Matter Specialist	PB&G	24.05.06	Temporary
7	Subject Matter Specialist	Royuso Nakhro	Subject Matter Specialist	Extension	13.11.07	Temporary
8	Programme Assistant	Moainla	Programme Asstt.		24.05.06	Temporary
9	Computer Programmer	I.Tangitla	Programme Asstt (Computer)		24.05.06	Temporary
10	Farm Manager	Jweni Semp	Programme Asstt (Farm)		07.11.07	Temporary

*** = The scientific staff position should reflect in the quantity and quality of all programmes proposed by KVK in the action plan****Total land with KVK (in ha):**

No.	Item	Area (ha)
1.	Under Buildings	0.2
2.	Under Demonstration Units	1
3.	Under Crops	2.5 (instructional Farm)
4.	Orchard/Agro-forestry	1
5.	Others (Fallow Land)	18.3

SAC meetings proposed for the year:

No.	Proposed Date/Month	Expected Participants	Salient Action Points
1	9 th Feb. 2012	All SAC Members	Review of on going activities
2	Aug. 2012	All SAC Members	Review of on going activities and approval of work plan for rabi
3	January 2013	All SAC Members	Review of on going activities and formulation of next action plan

Details of district (2011-12)**Major farming systems existing in the district* (based on the study made by the KVK)**

No	Farming systems identified
1	Agriculture + Horticulture
2	Agriculture + Veterinary
3	Agriculture + Fishery
4	Agriculture + Horticulture + Veterinary + Fishery

** = the programmes proposed by KVK should be matching with the identified farming systems*

Description of Agro-climatic Zone (based on soil and topography)

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 during winter

Description of major agro ecological situations (based on soil and topography)

No	Agro ecological situation	Characteristics
1	AES – I (Below 500 msl)	Hot & Humid with sub tropical climate
2	AES – II (500-1000 msl)	Moderate, sub-montane hill zone
3	AES – III (1000-1500 MSL)	Moderate to extreme cold and dry during winter
4	AES – IV (Above 1500 msl)	Moderate to extreme cold and dry during winter

Details of Operational area / Villages

No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1		Ongpangkong North	Longsa, Longmisa	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 mix cropping only in one season (Kharif), practice of mono cropping, lack of awareness on potentialities of floriculture, lack of irrigation facilities, unavailability of HYV seeds, post harvest management problem, lack of proper infrastructure and marketing network	Create awareness on fallow management and jhum intensification, Cultivation of both kharif and rabi vegetables, production of passion fruit, ginger, tapioca, tea on commercial scale, popularization of floriculture, handloom and handicraft, promotion of infrastructures and marketing network
2		Ongpangkong South	Khensa, Mekuli	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	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	Mongsenyimti,	Paddy, Tapioca, Maize, Collocasia, banana, Orange, Pineapple Arecanut, 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, Moayimti	Paddy, Maize, Tapioca, Orange, Pineapple, Arecanut, Tea, betel vine, Passion fruit fishery, cattle, piggery	Unavailability of HYV (lowland paddy), Lack of knowledge on improved method of cultivation , lack of processing unit, insect pest and disease problem, lack of awareness on INM, poor skill in fishery pond management, financial constraint to take up in commercial scale, inadequate availability of ploughing bullock, swine diseases	Promotion of HYV (paddy), production of oilseed and pulses, production of orange, pineapple, arecanut, tea and fish. Breeding programme for cattle and training of draught animals, prevention & control of swine diseases
6		Longchem	Yachang 'C'	Paddy, Tapioca, Maize, colocassia, cucurbits pineapple oranget, 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

Priority thrust areas (prioritized in sync with thrust areas identified and given above)

Rank	Thrust area
1	Increase in paddy & maize production by introducing high yielding and short duration varieties. Promotion of SRI technology
2	Increase production of banana, passion fruit, orange, pineapple, arecanut, betel vine and tea. Promotion of temperate fruits .Commercial cultivation of chili, tomato and potato
3	Introduction and popularization of QPM and baby corn cultivation. Increase production of oilseeds and pulses.
4	Popularize Dairy, poultry and piggery farming through scientific breeding programme and hygienic slaughter. Promotion of goater farming, cultivation of seed & fodder
5	Popularization of apiculture and fishery for commercial production.
6	Commercial production of off-season cucumber and floriculture
7	Development of marketing networks and infrastructure

PART – II

(OFT AND FLD)

2. Technical activities proposed

Abstract of interventions to be undertaken during 2012-13 (Target)

No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions (if any)					
				Title of OFT	Title of FLD	Title of Training	Title of training for extension personnel	Extension activities	Supply of seeds, planting materials
1	Increase production	Lowland paddy	Practice of Mono cropping	Performance trial on short duration lowland paddy variety (Disang)		Performance of new short duration paddy variety		Demonstration, field day	seed
2	Oilseed production	Toria	Lack of high yielding variety	Trial on high yielding toria variety (TS - 67)		Cultivation of high yielding toria variety		Field day	Seed
3	Oilseed production	Toria	Lack of high yielding variety	Trial on high yielding toria variety (TS - 46)		Cultivation of high yielding toria variety		Field day	Seed
4	Increase production & productivity	Paddy	Low production, scarcity of irrigation water		Promotion of SRI			Demonstration, field day	seed
5	Increase production	Toria	Crop failure due to moisture stress, Low yield due to old variety		Promotion of high yielding moisture tolerant toria variety (TS-38)	Cultivation of oilseed		Field day	Seed
6	Pulse production	Pea	Low yield and less popular		Popularization of pea (Arkel)cultivation during rabi	Cultivation of pulse crop (pea)		Demonstration, Field day	seed
7	Pulse production	Rice bean	Less popular and poor yield in existing local cultivar		Promotion of high yielding dwarf local variety (chakhesang local dwarf)			Field day, demonstration	seed
8	Increased production	Cabbage	Low yield	Varietal evaluation of cabbage				Field day, demonstration	Seeds
9	Optimum date of planting	Broccoli	Poor crop performance	Different date of planting on Broccoli var. Pushpa				Field day, demonstration	Seeds/ seedlings
10	Quality fruit production	Banana	Scar on fruit	Management of fruit scarring beetle				Field day	Perforated poly bags
11	Vegetable production	Tomato	Low yield		Cultivation of improved tomato variety.			Demonstration	Seeds
12	Vegetable production	Broccoli	Unpopular		Cultivation of high value crop	Package of practices of broccoli		Field day, demonstration	Seeds
13	Introduction of suitable variety	Soybean	Low yielding in local cultivars	Varietal evaluation on soybean (Indra soya-9, Hilya NRC-1, Indore, JS-8021, Jadavpur)				Field day	Seed

14	Improvement of existing poultry production	Poultry	Low Production in scavenging system	Small scale Intensive poultry rearing					chicks
15	Introduction of exotic germplasm	Piggery	Low Performance of existing local upgraded stock	Performance of Large Black breed					piglets
16	Pest control	Rapeseed/mustard	Aphid infestation		Control of aphid by using neem extracts			Demonstration, field day	seed

Details of On Farm Trials to be undertaken during 2012-13 (Target)

Crop/enterprise	Farming situation	Problem Diagnosed	Title of OFT	Assessment/Refinement (WRITE A / R)	No. of trials*
1	2	3	4	5	6
Paddy	Rainfed	Practice of Mono cropping	Performance trial on short duration lowland paddy variety (Disang)	A	3
Toria	Rainfed	Lack of high yielding variety	Trial on high yielding toria variety (TS -76)	A	3
Toria	Rainfed	Lack of high yielding variety	Trial on high yielding toria variety (TS -46)	A	3
Cabbage	Irrigated	Low yield in most of the cultivated varieties	Varietal evaluation of cabbage	A	4
Broccoli	Irrigated	Low production due to climate change	Different date of planting on Broccoli	A	5
Banana	Rainfed	Low market price due to scar marks	Management of fruit scarring beetle	A	4
Poultry	Backyard farming	Low Production in scavenging system	Small scale Intensive poultry rearing	A	10
Piggery	Backyard farming	Low Performance of existing local upgraded stock	Performance of Large Black breed	A	20
Soyabean	Rainfed	Low yielding in local cultivars	Varietal evaluation on soybean (RCS-CH-1, RCS-CH-9, RCS-CH-10, bragg, JSS-335)	A	3

* No. of farmers

Technology assessed/refined	Year of release of technology	Whether the technology is latest one available? (Y/N)*	If NO, then reason for using the old technology for OFT (in detail)	Parameters of assessment
6				7
Disang	2005	Y	NA	Plant height, No. of tillers, length of panicle, No. of grains per panicle, yield
TS -67	2011	Y	NA	Plant height, No. of branches, yield
TS -46	2010	Y	NA	Plant height, No. of branches, yield
Savitri, Wonder ball, Drum head	NA	-		Head size, head weight, yield
Pushba	NA	-		Plant height, Head size, head weight, yield
Control of scarring beetle	2008	Yes		% control of beetle.
Small scale intensive system	ICAR Barapani	Yes		Growth rate, mortality, egg production, disease incidence, BC ratio
Large black breed	ICAR Barapani	Yes		Growth rate, age at sexual maturity, farrowing rate, litter size, body weight at birth of piglets and weaning
Indra soya-9, Hilya NRC-1, Indore, JS-8021, Jadavpur	-	Yes	NA	Plant height, No. of branches, No. of pod, yield

- = The technology should be less than 5 years old.

Frontline Demonstrations

Details of FLDs to be implemented during 2012-13 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Notes (to be strictly followed in formulation of FLDs):

FLDs are conducted only on proven technologies.

FLDs are conducted on previously assessed/refined technologies which are found suitable for the KVK district.

Only latest technologies have to be selected for FLDs (Preferably less than 5 years old).

Examples: Same as in case of OFTs

A. Cereal Crops

No.	Crop	Thematic area	Technology to be Demonstrated	Season and year	Whether the technology assessed/refined by KVK earlier (Y/N)?	If not, how the technology was proven as suitable for FLD in the district?	Area (ha)	No. of farmers/demonstration		
							Proposed	SC/ST	Others	Total
1	Paddy	Cereal production	SRI	Kharif	Y		1	4		4

B. Oilseed crops

No.	Crop	Thematic area	Technology to be Demonstrated	Season and year	Whether the technology assessed/refined by KVK earlier (Y/N)?	If not, how the technology was proven as suitable for FLD in the district?	Area (ha)	No. of farmers/demonstration		
							Proposed	SC/ST	Others	Total
1	Toria	Oilseed production	TS -38	Rabi	Yes	NA	4	8		8
2	Toria	Oilseed production	TS-38	Rabi	Yes	NA	2	4		4

C. Pulse Crops

No.	Crop	Thematic area	Technology to be Demonstrated	Season and year	Whether the technology assessed/refined by KVK earlier (Y/N)?	If not, how the technology was proven as suitable for FLD in the district?	Area (ha)	No. of farmers/demonstration		
							Proposed	SC/ST	Others	Total
1	Pea	Pulse production	Arkel	Rabi	Yes	NA	4	8		8
2	Ricebean	Pulse production	chakhesang local dwarf	Kharif	Yes	NA	4	8		8

D. Horticultural Crops

No.	Crop	Thematic area	Technology to be Demonstrated	Season and year	Whether the technology assessed/refined by KVK earlier (Y/N)?	If not, how the technology was proven as suitable for FLD in the district?	Area (ha)	No. of farmers/demonstration		
							Proposed	SC/ST	Others	Total
1.	Broccoli	Vegetable production	Pushpa & KTS - 1	Rabi 2012	Yes	-	2.5	10		10
2.	Tomato	Vegetable production	Megha - 1 & 10	Rabi 2012	Yes		2.0	10		10

Extension and Training activities proposed under FLD

No.	Activity	No. of activities	Tentative Date	Number of participants	Remarks
1	Training for farmers	4	Rabi	100	
2	Training for extension functionaries	2	Kharif	25	
3	Field day	7	Kharif & Rabi	-	
4	Farmers field visit	12	Kharif & Rabi	-	
5	Awareness programme	4	Kharif & Rabi	100	

(i) Farm Implements: NA

No.	Crop	Thematic area	Name of the implement	Season and year	Whether the technology assessed/refined by KVK earlier (Y/N)?	If not, how the technology was proven as suitable for the district?	Area (ha)	No. of farmers/demonstration		
							Proposed	SC/ST	Others	Total

(ii) Livestock Enterprises:

Enterprises	Breed	No. of farmers	No. of animals, poultry birds etc.	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		
Poultry	Vanaraja	20	1000	Body Weight gain and egg production	2.5- 4 kg in 6 months	1-1.5 kg in 6 months		Popularization of Vanaraja as dual purpose bird
Swine	Local upgraded	200	260	Reduction in disease occurrence of swine fever	Non occurrence of SF in vaccinated pigs	Occurrence of swine fever in not vaccinated pigs		Vaccination for prevention of swine fever

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

(iii) Other Enterprises:NA

Enterprise	Variety/ breed/Species/others	No. of farmers	No. of Units	Performance parameters / indicators	Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		
Mushroom	Vermicompost	<i>Eisenia foetida, Eudrilus eugeniae</i>	12	3	Materials used, Duration, Production /unit, Nutrient content			
Apiary								
Sericulture								
Vermi-compost								

(TRAINING PROGRAMMES)

Note: The proportion of SC and ST participants for all training programmes should match with their proportion in the population of the KVK district.

[illegible]

[illegible]

Leadership development in villages											
Managing Group dynamics											
Formation and Management of SHGs	1						12	13	25	25	
Mobilization of social capital in villages											
Entrepreneurial development of farmers/youths											
WTO and IPR issues											
XI Agro-forestry											
Production technologies											
Nursery management											
Integrated Farming Systems	1						12	13	25	25	
XII Others (Pl. Specify)											
TOTAL	14						160	185	345	345	
(B) RURAL YOUTH											
Mushroom Production											
Bee-keeping	1						15	10	25	25	
Integrated farming											
Seed production											
Production of organic inputs											
Integrated Farming											
Planting material production	1						15	10	25	25	
Vermiculture											
Sericulture											
Protected cultivation of vegetable crops											
Commercial fruit production											
Repair and maintenance of farm machinery and implements											
Nursery Management of Horticulture crops											
Training and pruning of orchards											
Value addition	1						11	14	25	25	
Production of quality animal products	1						10	15	25	25	
Dairying											
Sheep and goat rearing											
Quail farming											
Piggery											
Rabbit farming											
Poultry production											
Ornamental fisheries											
Training as Para vets											
Training as Para extension workers											
Composite fish culture											
Freshwater prawn culture											
Fish harvest and processing technology											
Fry and fingerling rearing											
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching											
Rural Crafts											
TOTAL	4						51	49	100	100	
(C) Extension Personnel											
Productivity enhancement in field crops	1						10	10	20	20	
Integrated Pest Management											
Integrated Nutrient management											
Rejuvenation of old orchards	1						11	8	19	19	
Protected cultivation technology											
Formation and Management of SHGs											
Group Dynamics and farmers organizations	1						15	10	25	25	
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	1						10	10	20	20	
Livestock feed and fodder production											
Household food security											
Women and Child care											
Low cost and nutrient efficient diet designing											
Production and use of organic inputs											
Gender mainstreaming through SHGs											
Any other (Pl. Specify)											
TOTAL	4						97	112	209	209	

Off Campus

[illegible]

[illegible]

[illegible]

crops											
Integrated Pest Management											
Integrated Nutrient management											
Rejuvenation of old orchards											
Protected cultivation technology											
Formation and Management of SHGs	1						10	10	20	20	
Group Dynamics and farmers organizations											
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	1						12	13	25	25	
Household food security											
Women and Child care	1						-	17	17	17	
Low cost and nutrient efficient diet designing											
Production and use of organic inputs											
Gender mainstreaming through SHGs											
Any other (Pl. Specify)											
TOTAL	3						22	40	62	62	

[illegible]

[illegible]

Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture											
Fish processing and value addition											
IX Production of Inputs at site											
Seed Production											
Planting material production											
Bio-agents production											
Bio-pesticides production											
Bio-fertilizer production											
Vermicompost production	1						10	15	25	25	
Other Organic manures production	1						8	14	22	22	
Production of fry and fingerlings											
Production of Bee-colonies and wax sheets	1						15	10	25	25	
Small tools and implements											
Production of livestock feed and fodder											
Production of Fish feed											
X Capacity Building and Group Dynamics											
Leadership development in villages	1						12	8	20	20	
Managing Group dynamics											
Formation and Management of SHGs	1						12	13	25	25	
Mobilization of social capital in villages											
Entrepreneurial development of farmers/youths	1						15	10	25	25	
WTO and IPR issues											
XI Agro-forestry											
Production technologies											
Nursery management											
Integrated Farming Systems	2						25	25	50	50	
XII Others (Pl. Specify)											
TOTAL	36						418	442	860	860	
(B) RURAL YOUTH											
Mushroom Production											
Bee-keeping	2						27	18	45	45	
Integrated farming											
Seed production											
Production of organic inputs	1						10	15	25	25	
Integrated Farming											
Planting material production	1						15	10	25	25	
Vermiculture											
Sericulture											
Protected cultivation of vegetable crops											
Commercial fruit production	1						14	11	25	25	
Repair and maintenance of farm machinery and implements											
Nursery Management of Horticulture crops											
Training and pruning of orchards	1						13	12	25	25	
Value addition	2						34	41	75	75	
Production of quality animal products	1						10	15	25	25	
Dairying											
Sheep and goat rearing	1						20	5	25	25	
Quail farming											
Piggery											
Rabbit farming											
Poultry production											
Ornamental fisheries											
Training as Para vets											
Training as Para extension workers											
Composite fish culture											
Freshwater prawn culture											
Fish harvest and processing technology											
Fry and fingerling rearing											
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching											
Rural Crafts	1						15	10	25	25	

TOTAL	11							158	137	270	270
(C) Extension Personnel											
Productivity enhancement in field crops	1							10	10	20	20
Integrated Pest Management											
Integrated Nutrient management											
Rejuvenation of old orchards	1							11	8	19	19
Protected cultivation technology											
Formation and Management of SHGs	1							10	10	20	20
Group Dynamics and farmers organizations	1							15	10	25	25
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	1							10	10	20	20
Livestock feed and fodder production											
Household food security											
Women and Child care	1							-	17	17	17
Low cost and nutrient efficient diet designing											
Production and use of organic inputs											
Gender mainstreaming through SHGs											
Any other (Pl. Specify)											
TOTAL	6							56	65	121	121

Vocational training programmes for Rural Youth :

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants		
				Male	Female	Total
Fruit crops	Value addition	Processing and preservation of fruits	2	11	14	25
Vermicompost	Compost production	Preparation of vermicompost and its uses	2	8	17	25

*training title should specify the major technology /skill transferred

Sponsored Training Programmes

Sponsored Training Programmes																			
No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants												Sponsoring Agency
					PF/RV /EF		Male			Female			Total						
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total			
1.	Cultivation of king chilli	Popularization of king chilli	April	1	PF	1			13			18			31		Horticulture Deptt.		
2.	IPM	Paddy	June	1	PF	1			18			7			25		ATMA		
3.	Improved management practices	piggery	August	1	PF	1			10			15			25		ATMA		
4.	Winter crops cultivation	Vegetables	September	1	PF	1			5			20			25		ATMA		
Total				4		4			46			60			106				

PART – IV

(EXTENSION ACTIVITIES AND PRODUCTION OF SEED AND PLANTING MATERIALS)

4. Proposed Extension Activities for the year 2012-13 (including activities under FLD programmes)

Nature of Extension Activity	No. of activities	Farmers (No.)			Extension Officials (No.)			Rural Youth (No.)			Total (No.)		
		M	F	T	M	F	T	M	F	T	M	F	T
Field Day	12	170	190	360				25	25	50	195	215	410
Kisan Mela	1												
Kisan Gosthi	2	50	65	115							50	65	115
Exhibition	2												
Film Show	5												
Method Demonstrations	8	35	60	95	5	7	12	18	27	45	58	94	152
Farmers Seminar	2	40	35	75							40	35	75
Workshop	1	5	5	10	2	3	5	6	4	10	13	12	25
Group meetings	4	25	50	75				10	15	25	35	65	100
Lectures delivered as resource persons	15												
Newspaper coverage	7												
Radio talks	10												
TV talks													
Popular articles													
Extension Literature	4												
Advisory Services	6	20	30	50				10	15	25	30	45	75
Scientific visit to farmers field	15												
Farmers visit to KVK	6												
Diagnostic visits	5	40	60	100							40	60	100
Exposure visits	2	18	12	30				12	13	25	30	25	55
Ex-trainees Sammelan													
Soil health Camp													
Animal Health Camp	2	60	70	130							60	70	130
Agri mobile clinic													
Soil test campaigns	1	27	13	40							27	13	40
Farm Science Club Conveners meet													
Self Help Group Conveners meetings	7	25	30	55				5	10	15	30	40	70
Mahila Mandals Conveners meetings													
Celebration of important days (specify)													
Any Other (Specify)													
Total	119	515	620	1135	7	10	17	86	109	195	608	739	1347
M=Male	F=Female	T=Total											

Proposed production and supply of Technological products

Seed materials:

Sl. No.	Crop	Variety	Proposed Quantity (qtl.)	Value (Rs.)	To be provided to (No. of Farmers)
Cereals	Jhum paddy	SARS-1	4	3200	12
	WRC/TRC	SARS-6	15	12000	50
Oilseeds	Toria	TS-38	2	9200	40
Pulses	Rice bean	Chakasang local dwarf	3	12000	35
	Pea	Arkel	5	20,000	30
	Soybean	JS -335	5	20,000	40
Vegetables	Tomato	Megha -1&10	0.02	1,600	40
	Broccoli	KTS-1	0.05	15,000	50
Flower Crops					
Others (Specify)					

Planting materials :

Sl. No.	Crop	Variety	Quantity (Nos.)	Value (Rs.)	To be provided to (No. of Farmers)
Fruits	Passion fruit	Yellow type	3,500	17,500	30
Spices	Turmeric	Megha -1	5 qt	6000	10
Vegetables					
Forest Species	Alder	Local	3000	15,000	150
Ornamental Crops					
Plantation Crops					
Others (specify)					

Bioproducts :NA

Sl. No.	Product Name	Species	Quantity		Value (Rs.)	To be provided to (No. of Farmers)
			No	(kg)		
Bioagents						
1						
Biofertilizers						
1						
Bio Pesticides						
1						

Livestock :NA**Literature proposed to be developed/ published**

Item	Title	Number
Research papers		
Technical reports		
News letters	KVK Yisemyong, Mokokchung News letter	2
Technical bulletins		
Popular articles		
Extension literature	Integrated farming for sustainable livelihood Swine fever Package & practice of Turmeric Green manuring – To reclaim soil health	4
Others (Pl. specify)		
Total		6

Details of Electronic Media proposed

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

Field activities proposed

- i. Number of villages to be adopted :2
- ii. No. of farm families to be selected :25
- iii. No. of surveys/PRA to be conducted :3

Proposed activities of Soil and Water Testing Laboratory:

Status of establishment of Lab : installation under process

- 1. Year of establishment :2011
- 2. Details of samples to be analyzed :soil

Details	No. of Samples	No. of Farmers	No. of Villages
Soil Samples			
Water Samples			
Total			

PART – V

(LINKAGES WITH OUTSIDE ORGANISATIONS)

5. Proposed Linkages

Functional linkage with different organizations

Name of organization	Nature of linkage
State Agricultural Research Station (SARS) Visemyong, AICRIP	Joint implementation in conducting training, demonstration, meeting, trials etc.
DAO, DHO, DVO, DSCO in the district	Conducting training, demonstration programmes
ICAR, Jharnapani, Nagaland University	Consultation, meeting and exchange of technologies
AIR Doordashan Mokokchung	Technology dissemination through broadcasting media through AIR by staff of KVK.
Nagaland Bee and Honey Mission(NBHM)	Conducting training, demonstration programmes
Nagaland State Cooperative Bank	Joint implementation of Farmers clubs
NABARD	Joint implementation of Farmers clubs
CRIDA	Implementation of NICRA project

Note: The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, and participation in meeting, contribution for infrastructural development, conducting training programmes and demonstration or any other

List special programmes to be undertaken by the KVK, financed by State Govt./Other Agencies (if any)

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

Details of proposed linkage with ATMA

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

S. No.	Programme	Nature of linkage proposed
1	Training, Demonstration, Exhibition	Resource person and programme implementation as AMC , convenor and BTT members

Give details of programmes implemented under National Horticultural Mission (if any) : NA

S. No.	Programme	Nature of linkage proposed

Nature of linkage with National Fisheries Development Board (if any): NA

S. No.	Programme	Nature of linkage proposed

PART – VI

(PERFORMANCE OF INFRASTRUCTURE)

6. Performance of infrastructure in KVK

Proposed utilization of demonstration units (other than instructional farm) :

No.	Demo Unit	Year of estt.	Area	Proposed production			Amount (Rs.)	
				Variety	Produce	Qty.	Cost of inputs	Gross income expected
1	Vermicomposting	2009	50 sqm	<i>Eisenia foetida, Eudrilus eugeniae</i>	Vermicompost	400 kg/unit/harvest	2000	4000/unit/harvest
2	Banana fibre extraction	2010	100 sqm	-	Fibre, feed, liquid extract	300 kg	10,000	36,000
3	Goatery	2011	1 acre	On pipeline	NA	NA	NA	NA

Proposed utilization of instructional farm (Crops) including seed production :

Name Of the crop	Expected Date of sowing	Expected Date of harvest	Area (ha)	Proposed production			Amount (Rs.)	
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income expected
Cereals								
Paddy	1st wk April	Last wk sept	0.15	SARS -1	Grain	3.5	750	2500
Maize	1st week April	2 nd week July	0.05	HQPM-1	Green cob	3000 cobs	1400	3800
Pulses								
Bean	April	June	0.002	Local	Green pod	0.175	400	550
Oilseeds								
Toria	Last wk Oct.	2 nd wk feb	0.02	TS-36 &38	Seeds	0.25	450	1000
Groundnut	2 nd wk April	3 rd wk August	0.003	ICGS-76	Pod	0.13	300	450
Soyabean	3 rd wk June	Oct	0.004	JS-335	Grain	0.15	350	600
Fibers								
Spices								
King chili	3 rd wk April	August	0.01	Local	Fruit	0.70	1200	5500
Turmeric	2 nd April	December	0.095	Megha - 1	Rhizome		600	
Garlic	September	Feb	0.002	Local	Bulb	0.17	650	1350
Plantation crops								
Floriculture								
Fruits								
Banana	April	-	1	Grand naine	Banana bunch & fibre	210	45,000	1,40,000
Vegetables								
Knol khol	2 nd wk September	3 rd wk January	0.013	EWV		0.75	400	900
Broccoli	Sept	Dec	0.02	Pushba	Head	1	1500	3000
Tomato	3 rd wk Oct	3 rd wk dec.	0.004	Megha-1&10	Fruit	0.85	750	1020
Others (Specify)								
Tapioca	Last wk March	3 rd wk Dec.	0.09	Local	Tuber	28.0	1500	5600

Proposed production Units (bio-agents / bio pesticides/ bio fertilizers etc.,) :NA

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

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

No	Name of the animal / bird / aquatics	Details of expected production		
		Breed	Type of Produce	Qty expected

PART – VII

(SUMMARY)

7. Summary

Targets for 2011-12 for KVK.

On Farm Trials

Thematic areas	Cereals	Pulses	Vegetables	Fruits	Total
Cropping system	1				1
Varietal evaluation		1	1		2
Production and managerial technology			1	1	2
Grand total	1	1	2	1	5

FLDs on oilseed and pulse crops.

Name of KVK	Oilseeds		Pulses	
	Area (ha)	No. of farmers	Area (ha)	No. of farmers
Mokokchung	6	12	8	16
Total	6	12	8	16

Area	Farmers/ farm women		Rural youth		Extension personnel	
	Courses	Participants	Courses	Participants	Courses	Participants
Crop Production	7	175	1	25	1	20
Horticulture	9	225	2	50	1	19
Plant Protection	2	50			1	13
Home Science	4	100	1	25		
Animal Science	1	25	2	50	1	10
Soil Science	1	25				
Agril Engineering						
Bee Keeping			2	50		
Mushroom Cultivation						
Agro forestry	2	50				
Others i) vermicompost	1	25				
ii) Agri.Extension	5	125	3	75	3	35
Total						

Training programmes

Extension Activities

Activity	Nos
Field days	12
Kisan Mela	1
Exhibition	2
Exposure visit	2
Extension literature	4
Scientist farmers' interaction	6
Ex-trainees meet	-
Advisory services	6
Newspaper coverage	7
TV show	-
Radio talk	10
Others	8
Total	58

Seed Production:

KVK	Quantity (qtl)			
	Cereals	Oilseeds	Pulses	Vegetables
Mokokchung	19	2	13	0.07
Total	19	2	13	0.07

Planting Materials :

KVK	Quantity (nos)			
	Fruits	Vegetable Seedlings	Tree Species	Ornamental Plants
Mokokchung	3500		300	
Total	3500		300	

Signature,**Programme coordinator,****KVK, Mokokchung**