ANNUAL ACTION PLAN: 2008-09

KVK: Yisemyong Mokokchung

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, Yisemyong Post Box No – 23 Mokokchung – 798601 Nagaland	0369/2226537	0369/2227627	kvk _yisemyong@yahoo.co.in.

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	agrilan@rediffmail.com.

Name of the Programme Coordinator with Landline & Mobile No*

Name of PC	Contacts		
	Residence	Mobile	E mail
S. Sosang Jamir	0369/2228567	946006351	sosangjamir@yahoo.in

** = Mandatory and to be provided without fail.*

Year of sanction of KVK:
Scientific Staff Position* (As on 30th August, 2008)

No.	Sanctioned posts	Name of the incumbent	Designation	Discipline	Date of joining	Permanent /Temporary
1	Programme Coordinator	S. Sosang Jamir	Programme Coordinator	Agronomy	18.06.03	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	NA
3.	Under Crops	1.5 (instructional Farm)
4.	Orchard/Agro-forestry	1
5.	Others (Fallow Land)	20.3

SAC meetings proposed for the year

No.	Proposed Date/Month	Expected Participants	Salient Action Points
1.	13/10/2008	All SAC Members	Implementation of activities under different line departments
2.	11/03/2009	All SAC Members	Reviewing of on going programmes and activities

Details of district (2007-08)
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	1. Hot and humid in the foot hills to moderate in the mid and high with heavy rainfall during summer
		2. 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 – 1 (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 (2008-09)

No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1		Ongpangkong (N)	Ungma, Mokokchung village, 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 of vegetables 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		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	Mopungchuket Sungratsü Longjang	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	Chuchuyimlang 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	Chungtia Yimsen Longnak	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) Aonokpo	Paddy, Tapioca, Maize, colocassia, passion fruit, 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 production by introducing HYV of paddy
2	Commercial cultivation of passion fruit, orange, pineapple, banana, arecanut, betel vine, tea, tapioca
3	Commercial production of oilseed and pulses
4	Commercial production of off season cucumber and floriculture
5	Development of dairy, piggery, poultry, fishery, sericulture, apiculture
6	Development of marketing network and infrastructure

PART – II
(OFT AND FLD)

2. Technical activities proposed
Details of proposed On Farm Trials

No	Title of OFTs	Problem diagnosis	Technology selected	Assessment (and/ or) refinement (write A or R)	Source of technology	Year of release	Production system	Thematic area	Performance indicators
1	Growing moisture stress tolerant toria under rainfed	a) Crop failure due to moisture stress b) Low yield due to old variety	Variety TS-36	(A). a) Assessing adaptability HYV Toria b) To increase oilseed production	RARS Shillongani	-	Crop production	Variety evaluation	Yield
2	Varietal trial on tomato	Good quality and HYV seeds are not used	Variety Megha – I, Megha - 2	A).a) Assessing performance of HYV Tomato in micro location b) Shelf life in marketing prospect	ICAR Res. Complex Barapani	-	Crop production	Varietal evaluation	Yield
3	Trial on date of sowing of green gram	a) Poor crop performance b) Milling of grains to dal	Variety : Pratap	A). a) Assessing performance of HYV gram in micro location b) Increase cropping intensity and Popularize cultivation	RARS Shillongani	2007	Crop production	Evaluation of sowing time	Yield
4	Different planting design in SRI	a) Scarcity of irrigation b) Low productivity	SRI	R) a) refining technology in evaluating the best design b) Efficient water management c) Disseminating new technology	SARS	-	Crop production	Water management	Yield
5	Trail on date of sowing black gram	a) Poor crop performance Milling of grains to dal	Variety : PU - 31	A).a) Assessing performance and evaluating optimum date of sowing b) Increase cropping intensity and popularize cultivation	RARS Shillongani	2008	Crop production	Evaluation of sowing time	Yield

Notes (to be strictly followed in formulation of OFTs):
Technology Assessment refers to any technology (preferably new) going for assessment through OFT for the first time in a micro location.

Technology Refinement refers to an already assessed technology getting refined through OFT to suit micro location needs for later demonstration.

If any OFT is proposed for refinement, kindly mention whether the technology was assessed earlier or not. If not, provide reasons.

Technologies older than 5 years have to be preferably avoided for OFTs.

Examples:

Technology selected for assessment (and/or) refinement (Ex: Rice Var: XXXXXX)

Source of technology with year of release (Ex: ICAR RC NEH, Barapani, 2007)

Production system and thematic area (Ex: Crop production & Weed management)

Performance indicators of the technology (Ex: Yield, Shelf life etc)

Details of proposed Frontline Demonstrations

No	Title of FLDs	Problem diagnosis	Technology selected	Assessed (and/ or) Refined earlier (write A or R)	Year of assessment / refinement	No. of farmers/demonstrations proposed	Source of technology	Year of release	Production system	Thematic area	Performance indicators
1	Seed production of French bean	Production is marginal	French bean (local)	(R)	2007	8	SARS	2006	Seed production	Cropping system	Yield
2	Rice bean as a rabi crop	Continuous crop cultivation depletes soil nutrients	Chakesang local dwarf	(R)	2007	6	NEPED SARS	2006	Crop production	Cropping system	Yield
3	Popularization of Toria	Seed production is low	Variety – TS 38	(R)	2006	8	SARS	2005	Seed production	Cultivation of oilseeds	Yield
4	Cultivation of rabi pulses	Low yield due to poor quality seed	Variety- Azad/Arkel	(R)	2007	6	SARS	2006	Crop production	Method of sowing	Yield
5	Cultivation of Off season cucumber	Irrigation	Variety – Local	(R)	2007	6	Aliba	2004	Crop production	Water management	Yield
6	Popularization of Soybean	Production of soybean is low	Variety – JS - 335	(R)	2006	4	SARS	2005	Crop production	Increase in soybean production	Yield

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

Extension and Training activities proposed under FLD (if any)

No.	Activity	No. of activities proposed	Date/month	Number of participants expected
1	Field days	8	Oct – Jan	240
2	Farmers Training	5	Sept – Dec	125
3	Media coverage	5		
4	Training for extension functionaries	3	Aug – Nov	35

FLD on Enterprises : NA

Farm Implements

Name of the implement	crop	No. of farmers/demonstrations	Area (ha)	Performance indicators

Livestock Enterprises

Enterprise	Breed	No. of farmers/demonstrations	No. of animals, poultry birds etc.	Performance parameters*
Piggery	Local Upgraded	10	10	Growth Rate

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

Other Enterprises

Enterprise	Variety/ breed/Species/others	No. of farmers/demonstrations	No. of Units	Performance parameters
Mushroom	NA	-	-	-
Apiary	Apis indica, Mellifera indica (Indian bee)	15	15	Increase in honey production
Sericulture	NA	-	-	-
Vermicompost	*Eisenia foetida , Eudrilus eugenae*	50	5	Production of compost

Abstract of interventions proposed (OFT)

No	Thrust area	Crop/ Enterprise	Identified Problem	Proposed Interventions (Give titles)					
				OFTs	FLDs	Trainings	Training for Extn Personnel	Extension activities	Supply of seeds, planting materials etc.
1	Use of moisture stress resistant and high yielding oilseed crop	Toria var. TS-36	c) Crop failure due to moisture stress b) Low yield due to old variety	Growing moisture stress tolerant toria under rainfed	-	Cultivation of high yielding Toria crop	-	Field day	Seeds
2	Production of good quality tomato	Tomato var. Megha – I, Megha - 2	Good quality and HYV seeds are not used	Varietal trial on tomato	-	Cultivation of improved varieties of tomato	-	Field day	Seeds
3	Popularization of green gram	Green gram var. Pratap	a) Poor crop performance d) Milling of grains to dal	Trial on date of sowing of green gram	-	-	-	Media	-
4	Increase production of rice	TRC paddy var. SARS- 6 (Mehourou)	a) Scarcity of irrigation b) Low productivity	Different planting design	-	-	SRI in water shortage areas	Field day	-
5	Popularization of improved variety of black gram	Black gram var. PU - 31	a) Poor crop performance Milling of grains to dal	Trail on date of sowing black gram	-	-	-	Media	-

No	Thrust area	Crop/ Enterprise	Identified Problem	Proposed Interventions (Give titles)					
				OFTs	FLDs	Trainings	Training for Extn Personnel	Extension activities	Supply of seeds, planting materials etc.
1	Production and management of French bean	French bean var. local	Production is marginal	-	Seed production of French bean	-	Seed production technology	-	Seeds
2	Soil fertility management	Rice bean var. Chakesang local dwarf	Continuous crop cultivation depletes soil nutrients	-	Rice bean as a rabi crop	Soil improvement through cultivation of rice bean	-	Field day	Seeds
3	Production and management of Toria	Toria var – TS 38	Seed production is low	-	Popularization of Toria	-	Seeds production technology	Field day and Media	Seeds
4	Increase production of pulse crop	Pea var- Azad/Arkel	Low yield due to poor quality seed	-	Cultivation of rabi pulses	-	-	Media	Seeds
5	Off season crop cultivation	Cucumber var – Local	Irrigation	-	Cultivation of Off season cucumber	Package of practices of off season cucumber	-	Field day and Media	-
6	To increase production	Soybean var – JS - 335	Low yield variety	-	Popularization of Soybean	-	-	Field day	Seeds

PART – III
(TRAINING PROGRAMMES)

3. Details of proposed training programmes (Including the sponsored and FLD 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.

On Campus

Thematic area	Courses (No)	No. of participants									Grand Total
		Others			SC			ST			
		Male	Female	Total	Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women											
I Crop Production											
Weed Management											
Nutrient Management	1							14	11	25	25
Resource Conservation Technologies											
Cropping Systems	1							10	15	25	25
Crop Diversification											
Integrated Farming systems											
Water management											
Seed production	1							12	10	25	25
Nursery management											
Integrated Crop Management											
Fodder production											
Production of organic inputs											
II Horticulture											
a) Vegetable Crops											
Production of low volume and high value crops											
Off-season vegetables	1							10	15	25	25

Nursery raising											
Exotic vegetables production											
Production of export potential vegetables											
Grading and standardization											
Protective cultivation (Green Houses, Shade Net etc.)											
b) Fruits											
Training											
Pruning											
Layout and Management of Orchards											
Cultivation of Fruit crops	1							12	13	25	25
Management of young plants/orchards											
Rejuvenation of old orchards	1							15	10	25	25
Cultivation of export potential fruits											
Micro irrigation systems of orchard											
Plant propagation techniques											
c) Ornamental Plants											
Nursery Management											
Management of potted plants											
Production of export potential ornamental plants											
Propagation techniques of Ornamental Plants											
d) Plantation crops											
Production and Management technology											
Processing and value addition											
e) Tuber crops											
Production and Management technology											
Processing and value addition											
f) Spices											
Production and Management technology											
Processing and value addition											
g) Medicinal and Aromatic Plants											
Nursery management											
Production and management technology											
Post harvest technology and value addition											
III Soil Health and Fertility Management											
Soil fertility management											
Soil and Water Conservation	1							14	11	25	25
Integrated Nutrient Management											
Production and use of organic inputs											
Management of Problematic soils											
Micro nutrient deficiency in crops											
Nutrient Use Efficiency											
Soil and Water Testing											
IV Livestock Production and Management											
Dairy Management											
Poultry Management											
Piggery Management											
Rabbit Management											
Disease Management											
Feed management	1							11	14	25	25
Production of quality animal products											
V Home Science/Women empowerment											
Household food security by nutrition gardening											
Design and development of low/minimum cost diet											

Designing and development for high nutrient efficiency diet											
Minimization of nutrient loss in processing											
Gender mainstreaming through SHGs											
Storage loss minimization techniques											
Value addition											
Income generation activities for empowerment of rural Women	1							-	20	20	20
Location specific drudgery reduction technologies											
Rural Crafts											
Women and child care											
VI Agricultural Engineering											
Installation and maintenance of micro irrigation systems											
Use of Plastics in farming practices											
Production of small tools and implements											
Repair and maintenance of farm machinery and implements											
Small scale processing and value addition											
Post Harvest Technologies											
VII Plant Protection											
Integrated Pest Management	1							14	11	25	25
Disease Management											
Bio-control of pests and diseases											
Production of bio control agents and bio pesticides											
VIII Fisheries											
Integrated fish farming											
Carp breeding and hatchery management	1							15	10	25	25
Carp fry and fingerling rearing											
Composite fish culture	1							13	12	25	25
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture											
Fish processing and value addition											
IX Production of Inputs at site											
Seed Production											
Planting material production	1							10	15	25	25
Bio-agents production											
Bio-pesticides production											
Bio-fertilizer production											
Vermicompost production	1							-	17	17	17
Other Organic manures production											
Production of fry and fingerlings											
Production of Bee-colonies and wax sheets											
Small tools and implements											
Production of livestock feed and fodder											
Production of Fish feed											
X Capacity Building and Group Dynamics											
Leadership development in villages											
Managing Group dynamics											
Formation and Management of SHGs											
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											
XII Others (Pl. Specify)											
TOTAL	14							150	187	337	337
(B) RURAL YOUTH											
Mushroom Production											
Bee-keeping	1							13	12	25	25
Integrated farming											
Seed production											
Production of organic inputs											
Integrated Farming											
Planting material production											
Vermiculture	1							10	15	25	25
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	1							12	13	25	25
Value addition											
Production of quality animal products											
Dairying											
Sheep and goat rearing											
Quail farming											
Piggery	1							14	11	25	25
Rabbit farming											
Poultry production											
Ornamental fisheries											
Training as Para vets											
Training as Para extension workers											
Composite fish culture	1							13	12	25	25
Freshwater prawn culture											
Fish harvest and processing technology											
Fry and fingerling rearing											
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching											
Rural Crafts	1							14	11	25	25
TOTAL	6							76	74	150	150
(C) Extension Personnel											
Productivity enhancement in field crops	1							12	13	25	25
Integrated Pest Management											
Integrated Nutrient management											
Rejuvenation of old orchards	1							15	10	25	25
Protected cultivation technology											
Formation and Management of SHGs											
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	1							13	12	25	25
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	3							40	35	75	75

Off Campus

Thematic area	Courses (No)	No. of participants									
		Others			SC			ST			Grand Total
		Male	Female	Total	Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women											
I Crop Production											
Weed Management	1							10	15	25	25
Nutrient Management											
Resource Conservation Technologies											
Cropping Systems											
Crop Diversification	1							12	13	25	25
Integrated Farming systems	1							14	11	25	25
Water management											
Seed production											
Nursery management											
Integrated Crop Management											
Fodder production											
Production of organic inputs											
II Horticulture											
a) Vegetable Crops											
Production of low volume and high value crops											
Off-season vegetables	1							10	15	25	25
Nursery raising											
Exotic vegetables production											
Production of export potential vegetables											
Grading and standardization											
Protective cultivation (Green Houses, Shade Net etc.)											
b) Fruits											
Training											
Pruning	1							15	10	25	25
Layout and Management of Orchards											
Cultivation of Fruit crops											
Management of young plants/orchard											
Rejuvenation of old orchards	1							14	11	25	25
Cultivation of export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques	1							13	12	25	25
c) Ornamental Plants											
Nursery Management											

Management of potted plants											
Production of export potential ornamental plants											
Propagation techniques of Ornamental Plants											
d) Plantation crops											
Production and Management technology											
Processing and value addition											
e) Tuber crops											
Production and Management technology											
Processing and value addition											
f) Spices											
Production and Management technology											
Processing and value addition											
h) Medicinal and Aromatic Plants											
Nursery management											
Production and management technology											
Post harvest technology and value addition											
III Soil Health and Fertility Management											
Soil fertility management	1							14	11	25	25
Soil and Water Conservation											
Integrated Nutrient Management	1							12	13	25	25
Production and use of organic inputs											
Management of Problematic soils											
Micro nutrient deficiency in crops											
Nutrient Use Efficiency											
Soil and Water Testing											
IV Livestock Production and Management											
Dairy Management											
Poulty Management											
Piggery Management											
Rabbit Management											
Disease Management											
Feed management	1							11	14	25	25
Production of quality animal products											
V Home Science/Women empowerment											
Household food security by nutrition gardening											
Design and development of low/minimum cost diet											
Designing and development for high nutrient efficiency diet											
Minimization of nutrient loss in processing											
Gender mainstreaming through SHGs	1							-	19	19	19
Storage loss minimization techniques											
Value addition											
Income generation activities for empowerment of rural Women	1							-	22	22	22
Location specific drudgery reduction technologies											
Rural Crafts											
Women and child care	1							-	20	20	20
VI Agricultural Engineering											
Installation and maintenance of micro irrigation systems											
Use of Plastics in farming practices											
Production of small tools and implements											
Repair and maintenance of farm machinery and implements											
Small scale processing and value addition											
Post Harvest Technologies											

VII Plant Protection											
Integrated Pest Management	1							14	11	25	25
Disease Management											
Bio-control of pests and diseases											
Production of bio control agents and bio pesticides											
VIII Fisheries											
Integrated fish farming											
Carp breeding and hatchery management											
Carp fry and fingerling rearing											
Composite fish culture	1							13	12	25	25
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture											
Fish processing and value addition											
IX Production of Inputs at site											
Seed Production											
Planting material production											
Bio-agents production											
Bio-pesticides production											
Bio-fertilizer production											
Vermicompost production											
Other Organic manures production											
Production of fry and fingerlings											
Production of Bee-colonies and wax sheets											
Small tools and implements											
Production of livestock feed and fodder											
Production of Fish feed											
X Capacity Building and Group Dynamics											
Leadership development in villages											
Managing Group dynamics											
Formation and Management of SHGs											
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	18							192	244	436	436
(B) RURAL YOUTH											
Mushroom Production											
Bee-keeping	1							15	10	25	25
Integrated farming											
Seed production	1							12	13	25	25
Production of organic inputs											
Integrated Farming											
Planting material production											

Vermiculture	1							10	15	25	25
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	1							15	10	25	25
Value addition											
Production of quality animal products											
Dairying											
Sheep and goat rearing											
Qail farming											
Piggery	1							14	11	25	25
Rabbit farming											
Poultry production	1							13	12	25	25
Ornamental fisheries											
Training as Para vets											
Training as Para extension workers											
Composite fish culture	1							13	12	25	25
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	8							107	93	200	200
(C) Extension Personnel											
Productivity enhancement in field crops											
Integrated Pest Management	1							13	12	25	25
Integrated Nutrient management											
Rejuvenation of old orchards	1							14	11	25	25
Protected cultivation technology											
Formation and Management of SHGs	1							10	5	15	15
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	1							13	12	25	25
Livestock feed and fodder production	1							11	14	25	25
Household food security											
Women and Child care	1							-	20	20	20
Low cost and nutrient efficient diet designing											
Production and use of organic inputs											
Gender mainstreaming through SHGs											
Any other (Pl. Specify											
TOTAL	6							61	74	135	135

Consolidated table (On + Off + Sponsored + Vocational)

Thematic area	Courses (No)	No. of participants									Grand Total
		Others			SC			ST			
		Male	Female	Total	Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women											
I Crop Production											
Weed Management	2							23	27	50	50
Nutrient Management	1							14	11	25	25
Resource Conservation Technologies											
Cropping Systems	1							10	15	25	25
Crop Diversification	1							12	13	25	25
Integrated Farming systems	1							14	11	25	25
Water management											
Seed production	1							12	13	25	25
Nursery management											
Integrated Crop Management											
Fodder production											
Production of organic inputs											
II Horticulture											
a) Vegetable Crops											
Production of low volume and high value crops											
Off-season vegetables	2							20	30	50	50
Nursery raising											
Exotic vegetables production											
Production of export potential vegetables											
Grading and standardization											
Protective cultivation (Green Houses, Shade Net etc.)											
b) Fruits											
Training											
Pruning	1							15	10	25	25
Layout and Management of Orchards											
Cultivation of Fruit crops	1							12	13	25	25
Management of young plants/orchards											
Rejuvenation of old orchards	2							29	21	50	50
Cultivation of export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques	2							24	26	50	50
c) Ornamental Plants											
Nursery Management											
Management of potted plants											
Production of export potential ornamental plants											
Propagation techniques of Ornamental Plants											
d) Plantation crops											
Production and Management technology											
Processing and value addition											
e) Tuber crops											
Production and Management technology											
Processing and value addition											
f) Spices											
Production and Management technology											
Processing and value addition											
g) Medicinal and Aromatic Plants											
Nursery management											
Production and management technology											

Post harvest technology and value addition											
III Soil Health and Fertility Management											
Soil fertility management	1							14	11	25	25
Soil and Water Conservation	1							14	11	25	25
Integrated Nutrient Management	2							22	22	44	44
Production and use of organic inputs											
Management of Problematic soils											
Micro nutrient deficiency in crops											
Nutrient Use Efficiency											
Soil and Water Testing											
IV Livestock Production and Management											
Dairy Management	1							13	12	25	25
Poultry Management	1							10	15	25	25
Piggery Management	1							15	10	25	25
Rabbit Management											
Disease Management											
Feed management	3							37	38	75	75
Production of quality animal products											
V Home Science/Women empowerment											
Household food security by nutrition gardening											
Design and development of low/minimum cost diet											
Designing and development for high nutrient efficiency diet											
Minimization of nutrient loss in processing											
Gender mainstreaming through SHGs	1							-	19	19	19
Storage loss minimization techniques											
Value addition											
Income generation activities for empowerment of rural Women	2							-	42	42	42
Location specific drudgery reduction technologies											
Rural Crafts											
Women and child care	1							-	20	20	20
VI Agricultural Engineering											
Installation and maintenance of micro irrigation systems											
Use of Plastics in farming practices											
Production of small tools and implements											
Repair and maintenance of farm machinery and implements											
Small scale processing and value addition											
Post Harvest Technologies											
VII Plant Protection											
Integrated Pest Management	2							28	22	50	50
Disease Management											
Bio-control of pests and diseases											
Production of bio control agents and bio pesticides											
VIII Fisheries											
Integrated fish farming	1							15	10	25	25
Carp breeding and hatchery management											
Carp fry and fingerling rearing											
Composite fish culture	2							26	24	50	50
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											

Edible oyster farming											
Pearl culture											
Fish processing and value addition											
IX Production of Inputs at site											
Seed Production											
Planting material production	1							10	15	25	25
Bio-agents production											
Bio-pesticides production											
Bio-fertilizer production											
Vermicompost production	1							-	17	17	17
Other Organic manures production											
Production of fry and fingerlings											
Production of Bee-colonies and wax sheets	2							24	26	50	50
Small tools and implements											
Production of livestock feed and fodder											
Production of Fish feed											
X Capacity Building and Group Dynamics											
Leadership development in villages											
Managing Group dynamics											
Formation and Management of SHGs											
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											
XII Others (Pl. Specify)											
TOTAL	38							413	504	917	917
(B) RURAL YOUTH											
Mushroom Production											
Bee-keeping	2							28	22	50	50
Integrated farming											
Seed production	1							12	13	25	25
Production of organic inputs											
Integrated Farming											
Planting material production											
Vermiculture	2							20	30	50	50
Sericulture	2							28	22	50	50
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	2							27	23	50	50
Value addition											
Production of quality animal products											
Dairying											
Sheep and goat rearing											
Quail farming											
Piggery	2							28	22	50	50
Rabbit farming											
Poultry production	1							10	15	25	25

Ornamental fisheries											
Training as Para vets											
Training as Para extension workers											
Composite fish culture	2							26	24	50	50
Freshwater prawn culture											
Fish harvest and processing technology											
Fry and fingerling rearing											
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching											
Rural Crafts	2							29	21	50	50
TOTAL	15							208	192	400	400
(C) Extension Personnel											
Productivity enhancement in field crops	1							12	13	25	25
Integrated Pest Management	1							13	12	25	25
Integrated Nutrient management	1							10	9	19	19
Rejuvenation of old orchards	2							29	21	50	50
Protected cultivation technology											
Formation and Management of SHGs	1							10	5	15	15
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	2							26	24	50	50
Livestock feed and fodder production	1							11	14	25	25
Household food security											
Women and Child care	1							-	20	20	20
Low cost and nutrient efficient diet designing											
Production and use of organic inputs											
Gender mainstreaming through SHGs											
Any other (Pl. Specify)											
TOTAL	9							111	118	229	229

Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants		
				Male	Female	Total
Jhum	Weed management	Weed management in jhum field	4	13	12	25
Passion fruit	Increase production of planting materials	Plant propagation techniques	3	11	14	25
Piggery	Feed formulation using locally available feeds	Feed management	3	15	10	25

*training title should specify the major technology /skill transferred

Sponsored Training Programmes

No	Title	Thematic	Month	Duration	Client	No. of	No. of Participants	Sponsoring Agency

		area		(days)	PF/RY /EF	courses	Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1	Production of bee colonies and wax sheets	Bee keeping	Jan	3	PF	2			24			26			50	50	LRD (Honey bee mission)
2	Management of soil fertility	INM	Feb	2	EF	1			10			9			19	19	Soil department
3	Improving back yard poultry farming	Poultry production	Oct	2	PF	1			10			15			25	25	Vety. Department
4	Promotion of post harvest management of silkworm	Sericulture	June	3	RY	2			28			22			50	50	Sericulture department
Total				8		6			71			72			144	144	

PART – IV
(EXTENSION ACTIVITES AND PRODUCTION OF SEED AND PLANTING MATERIALS)

4. Proposed Extension Activities for the year 2008-09 (including activities under FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Rural Youth			Total		
		M	F	T	M	F	T	M	F	T	M	F	T
Field Day	18	160	200	360	50	30	80	90	70	160	300	300	600
Kisan Mela													
Kisan Gosthi	20	180	220	400				110	90	200	290	310	600
Exhibition	2												
Film Show	10	110	140	250				70	80	150	180	220	400
Method Demonstrations													
Farmers Seminar	4	140	160	300							140	160	300
Workshop													
Group meetings	8	90	70	160	20	20	40	26	24	50	136	114	250
Lectures delivered as resource persons	15												
Newspaper coverage	7												
Radio talks	10												
TV talks													
Popular articles													
Extension Literature	5												
Advisory Services	10												
Scientific visit to farmers field	20												
Farmers visit to KVK	20	180	220	400							180	220	400
Diagnostic visits	10												
Exposure visits	2	13	12	25				13	12	25	26	24	50
Ex-trainees Sammelan													
Soil health Camp													
Animal Health Camp	8												
Agri mobile clinic													
Soil test campaigns													
Farm Science Club Conveners meet													
Self Help Group Conveners meetings	5	15	35	50				10	20	30	25	55	80
Mahila Mandals Conveners meetings													
Celebration of important days (specify)													

Any Other (Specify)														
Total		174	888	1057	1945	70	50	120	319	296	615	1277	1403	2680
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	15	12,000/-	50
	WRC/TRC	SARS - 6	20	16,000/-	75
Oilseeds					
	Toria	TS-36 & TS-38	3	13,800/-	60
	Mustard	M-27	3	13,800/-	60
	Soybean	JS-335	4	16,000/-	35
Pulses					
	French bean	Local	5	17,500/-	100
	Rice bean	Chakesang Local dwarf	4	16,000/-	55
Vegetables					
Flower Crops					
Others (Specify)					
	Turmeric	Megha - 1	10	15,000/-	25

Planting materials

Sl. No.	Crop	Variety	Quantity (Nos.)	Value (Rs.)	To be provided to (No. of Farmers)

Fruits	Passion fruit	Kavery & P. edulis	3000	15,000/-	25
Spices					
Vegetables					
Forest Species					
	Alder (*Alnus nepalensis*)		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						
2						
3						
Bio fertilizers						
1						
2						
3						
Bio Pesticides						
1						
2						
3						

Livestock : NA

Sl. No.	Type	Breed	Quantity		Value (Rs.)	To be provided to (No. of Farmers)
			Nos	Kgs		
Cattle						
Sheep and Goat						
Poultry						
Fisheries						
Others (Specify)						

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	1. System of Rice Intensification (SRI) 2. Citrus Rejuvenation 3. Seed treatment with bio-fertilizer in cereal crops 4. Indigenous method of seed conservation 5. Compost Making 6. Care and Management of piglets 7. Pest of Rice and their Management	7
Others (Pl. specify) Training Manual	Integrated Pest Management in rice	1
Total		

Details of Electronic Media proposed

S.	Type of media (CD / VCD / DVD / Audio-Cassette)	Proposed title of the programme	Number

No.			
1.	CD	High yielding paddy cultivars for Mokokchung district	1

Field activities proposed

i. Number of villages to be adopted : 2
ii. No. of farm families to be selected : 20
iii. No. of surveys/PRA to be conducted : 5

Proposed activities of Soil and Water Testing Laboratory : NA

Status of establishment of Lab :

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

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) Yisemyong, AICRIP	Joint implementation in conducting training, demonstration, meeting, trials etc.
DAO, DHO, DVO, DSCO in the district	Conducting training, demonstration programmes
ICIMOD, Kathmandu	Conducting Field Research activities.
ICAR, KVK Jharnapani, NU	Consultation, meeting and exchange of technologies
AIR Doordashan Mokokchung	Technology dissemination through broadcasting media through AIR by staff of KVK.

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) : NA

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 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)

S. No.	Programme	Nature of linkage proposed
1	Training and Demonstration	As resource person and implementation of NFDB programmes

PART – VI
(PERFORMANCE OF INFRASTRUCTURE)

6. Performance of infrastructure in KVK : NA

Proposed utilization of demonstration units (other than instructional farm)

No.	Demo Unit	Year of estt.	Area	Production			Amount (Rs.)	
				Variety	Produce	Qty.	Cost of inputs	Gross income expected

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								
Pulses								
Pea	September 2008	February 2009	0.085	Arkel/ Azad	Seed/pod	0.35	100	525
Beans	February 2009	May 2009	0.070	Local	Seed/pod	0.25	100	375
French bean	September 2008	December 2008	0.06	Local	Seeds/pod	0.20	100	300
Arhar	April 2009	August 2009	0.20	MA - 3	Seeds	0.35	350	700
Oilseeds								
Soybean	June 2009	September 2009	0.08	JS-335	Seeds	0.30	330	900
Perilla	April 2009	September 2009	0.015	Local	Seeds	0.10	100	250
Sesame	April 2009	September 2009	0.01	TIL-1	Seeds	0.10	100	250
Mustard	September 2008	February 2009	0.09	M-27	Seeds	0.40	650	1600
Toria	September 2008	February 2009	0.75	TS-36, TS-38	Seeds	0.30	550	1200
Spices								
Turmeric	April 2009	December 2008	0.095	Megha-1	Rhizome	0.50	250	600
Ginger	April 2009	November 2009	0.07	Nadia	Rhizome	0.45	250	450
Chilli	April 2009	October 2009	0.035	Godavari 99099 (F_1 Hybrid)	Fruits	0.35	200	525
Fruits								
Passion fruit	April 2009	-	0.125	P. edulis	Fruits	-	750	
Vegetables								
Tomato	April 2009	August 2009	0.095	Megha-1,Megha-2	Fruit	1.2	450	1200
Brinjal	April 2009	August 2009	0.08	RCMBL-1	Fruit	1.0	400	1000
Knol khol	September 2008	January 2009	0.065	Early white Vienna		0.65	250	650
Turnip	September 2008	January 2009	0.06	Purple top		0.65	250	650
Others (Specify)	April 2009	December 2009	0.1	Local	Tuber	1.0	450	1000

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)

No	Name of the animal / bird / aquatics	Details of expected production		
		Breed	Type of Produce	Qty expected
1	Fish	IMC & Chinese Carp	Table Purpose	5

PART – VII
(SUMMARY)

7. Summary

Targets for 2008-09 for KVK, : KVK Yisemyong, Mokokchung

On Farm Trials

Thematic areas	Cereals	Pulses	Vegetables	Fruits	Total
Varietal Evaluation			2		2
Integrated Nutrient Management					
Integrated Pest Management					
Biofertilisers					
Water Management	1				1
Fisheries					
Animal Science					
Others (Soil Fertility Mgt, Home Sc. Etc)					3
Grand total					6

FLDs on oilseed and pulse crops

Name of KVK	Oilseeds		Pulses	
	Area (ha)	No. of farmers	Area (ha)	No. of farmers
KVK Yisemyong, Mokokchung	6	12	10	20
Total	6	12	10	20

Training programmes

Area	Farmers/ farm women	Rural youth	Extension personnel

	Courses	Participants	Courses	Participants	Courses	Participants
Crop Production	1	25	1	25	1	12
Horticulture	1	25	1	25		
Plant Protection	1	25			1	13
Home Science						
Animal Science	1	25	1	25	1	10
Soil Science	1	25				
Agril Engineering						
Bee Keeping						
Mushroom Cultivation						
Agro forestry						
Others						
Total	5	125	3	75	3	35

Extension Activities

Activity	Nos
Field days	8
Kisan Mela	
Exhibition	
Exposure visit	
Extension literature	
Scientist farmers' interaction	6
Ex-trainees meet	
Advisory services	5
Newspaper coverage	3
TV show	
Radio talk	2
Others	
Total	24

Seed Production

KVK	Quantity (qtl)			
	Cereals	Oilseeds	Pulses	Vegetables
	35	10	5	

KVK Yisemyong, Mokokchung				
Total	35	10	5	

Planting Materials

KVK	Quantity (nos)			
	Fruits	Vegetable Seedlings	Tree Species	Ornamental Plants
KVK Yisemyong, Mokokchung	3000	2500	23000	
Total	3000	2500	23000	

Signature, _____

Programme coordinator,
KVK,Yisemyong, Mokokchung

(Signature not needed in case of soft copy)