

ANNUAL ACTION PLAN: 2009-10

KVK, EAST KAMENG

Guidelines for filling up the Proforma:

1. This Proforma can also be downloaded from the website **www.icarzcu3.gov.in** don't type the Proforma again.
2. **Don't change** the page setup of this Proforma under any circumstances. Use the same proforma provided.
3. The Proforma has to be filled up **strictly** in **Arial** font **8** point size in **single** spacing. **Don't use** bold and italics anywhere in the text.
4. The Proforma given below has to be filled up **in full** and no column should be left vacant.
5. If any column appears not applicable to your KVK then it may be filled as '**NA**'. **Don't use** any other abbreviations in such cases.
6. Enter data strictly confirming to the units specified in the Proforma. (Ex: ha, kg, qtl etc) Don't enter data in units such as acres or bighas.

**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, East Kameng P.O. Seppa, Pampoli-790 102	03787 – 223586	03787 – 223586	

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, P.O:-Naharlagun, District Papum pare, Arunachal Pradesh, PIN- 791 110.	0360 - 2244252 (O), 0360 - 2244462 (R)	0360 - 2244252	

Name of the Programme Coordinator with Landline & Mobile No*

Name of PC	Contacts		
	Residence	Mobile	E mail
Dr. Sanjoy Borthakur		09436837488, 09435672010	sanjoyborthakur@yahoo.co.in

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

Year of sanction of KVK: 2008

Scientific Staff Position* (As on 30th August, 2009)

No.	Sanctioned posts	Name of the incumbent	Designation	Discipline	Date of joining	Permanent /Temporary
01.	Programme Coordinator	Dr. Sanjoy Borthakur	Programme Coordinator	Agri. Statistics	28.11.2008	Temporary
02	Subject Matter Specialist	Ms. Shahida Choudhury	Subject Matter Specialist	Horticulture	25.11.2008	Temporary
03	Subject Matter Specialist	Mr. Binod Kalita	Subject Matter Specialist	Agronomy	01.12.2008	Temporary
04	Subject Matter Specialist	Mr. Satyendra Kumar	Subject Matter Specialist	Fisheries	12.12.2008	Temporary
05	Programme Assistant	Dr. Lige Basar	Programme Assistant	Veterinary & A.H	26.11.2008	Temporary
06	Programme Assistant	Ms. Habung Monpa	Programme Assistant	Computer	01.12.2008	Temporary
07	Farm Manager	Mr. Tojo Basar	Farm Manager	Agriculture	22.12.2008	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): 7.04 ha

No.	Item	Area (ha)
01.	Under Buildings	
02.	Under Demonstration units	
03.	Under Crops	
04.	Under Orchard/Agro forestry	
05.	others	

SAC meetings proposed for the year:

No.	Proposed Date/Month	Expected Participants	Salient Action Points
01.	15.02.2010	15	1. Discussion on collaboration with other departments and organizations for extension activities.
02.	10.08.2010	15	1. Approval of Annual Action Plan and Annual Report 2. Discussion on collaboration with other departments and organizations for extension activities

Details of district (2009-10)

Major farming systems existing in the district* (based on the study made by the KVK)

No	Farming systems identified
01.	Agriculture + Horticulture
02.	Agriculture + Horticulture + Animal Husbandry
03.	Agriculture + Horticulture + Animal Husbandry + Pisciculture
04.	Agriculture + Horticulture + Animal Husbandry + Pisciculture + Forestry

* = 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
01	Eastern Himalayan Region (Zone – II)	<p>(i). Temperate: High altitude hills to mountainous plain, moderate to steep slope, temperate climate with high rainfall, moderately cool to cool climate throughout the year. In hills and mountainous plain soils shallow to deep, sandy loam in texture, well drain to excessive drain, with moderate to high soil erosion hazard. Moderate to strong acidic in nature, rich in organic matter content, medium in phosphorus and potassium content.</p> <p>(ii). Sub tropical: Medium altitude to mountainous plain, undulating having moderate slope, sub tropical climate with hot humid summer and cold winter. In hills and mountainous plain the soil is medium to deep, moderate to well drain, sandy loam in texture, moderate to heavy soil erosion hazards. Moderate to strong acidic in nature, rich in organic matter content, medium in phosphorous and potassium content.</p> <p>(iii). Sub tropical: low altitude foot hills to plain, plain to somewhat undulating, subtropical climate with hot humid summer and moderate cool winter. In foot hills and plain the soil is very deep, well drain, sandy loam to clay loam soil with minimum soil erosion hazard. Moderate to strong acidic in nature, rich in organic matter content, medium in phosphorous and potassium content</p>

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

No	Agro ecological situation	Characteristics
01	AES – I (High altitude)	High altitude hills to mountainous plain, more than 1300 m from msl, it covers 9% of the total geographical area of the district. The hill are high undulating, moderate to steep slope, dense and deciduous forest coverage, intercepted by fast flowing hilly streams. Temperate climate or moderate cool to cool climate, high rainfall received during summer season. In hills and mountainous plain soils shallow to deep, sandy loam in texture, well drain to excessive drain, with moderate to high soil erosion hazard. Moderate to strong acidic in nature, rich in organic matter content, medium in phosphorus and potassium content.
02	AES – II (Medium altitude)	Medium altitude hill to mountainous plain falls between 800 – 1300 m from msl and its covers an area of around 83% of the total geographical areas of the district. The hills are medium undulating to steep slope, moderate to dense forest coverage, intercepted by moderate to fast flowing of stream. Sub tropical climate with hot summer and cold winter. In hills and mountainous plain the soil is medium to deep, moderate to well drain, sandy loam in texture, moderate to heavy soil erosion hazards. Moderate to strong acidic in nature, rich in organic matter content, medium in phosphorous and potassium content.
03	AES – III (Low altitude)	Low altitude foothill to plain falls less than 800 m from msl and its covers an area of around 8% of the total geographical areas of the district. The foothills which are almost plain or somewhat undulating to slight slope, moderate forest coverage, intercepted by moderate to slow flowing of stream. Sub tropical climate with hot summer and cold winter. In foot hills and plain the soil is very deep, well drain, sandy loam to clay loam soil with minimum soil erosion hazard. Moderate to strong acidic in nature, rich in organic matter content, medium in phosphorous and potassium content.

Details of Operational area / Villages (2009-10)

No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
01	Seppa, Richukhorong	Seppa, Bana	Pampoli, Jayanti, Fengche, Mebua, Pabua, Lumdung, Nere, Ningcho Wessang, Bana camp village, Richukhrong HQ, and Watte,	<i>Sali</i> paddy (Transplanted and DS in jhum areas)	<ol style="list-style-type: none"> 1. Traditional mixed cropping system in <i>jhum</i> areas 2. Poor soil fertility 3. Lack of knowhow about soil fertility management 4. Poor yield of local varieties 5. Heavy infestation of pest and disease 6. Lack of Knowhow about use of irrigation facilities 7. Lack of Knowhow about management of weed infestation 	<ol style="list-style-type: none"> 1. Scientific cropping system 2. Improved varietal intervention 3. Scientific crop production technology 4. Adoption of INM, IPM and IWM technology
02	Seppa, Richukhorong Chayang Tajo	Seppa, Bana Chayang Tajo	Pampoli, Jayanti, Fengche, Mebua, Pabua, Lumdung, Nere, Ningcho, Wessang, Bana camp village, Richukhrong HQ, Watte, and Chayang Tajo	Maize, Millet	<ol style="list-style-type: none"> 1. Traditional mixed cropping system in <i>jhum</i> areas 2. Poor soil fertility 3. Lack of knowhow about soil fertility management 4. Poor yield of local varieties 5. Heavy infestation of pest and disease 6. Lack of Knowhow about use of irrigation facilities 7. Lack of Knowhow about management of weed infestation 	<ol style="list-style-type: none"> 1. Scientific cropping system 2. Improved varietal intervention 3. Scientific crop production technology 4. Adoption of INM, IPM and IWM technology
03	Seppa, Richukhorong Chayang Tajo	Seppa, Bana Chayang Tajo	Pampoli, Jayanti, Fengche, Mebua, Pabua, Lumdung, Wessang, , Bana camp village, Richukhrong HQ, Wangsy, and Chayang Tajo HQ	Oilseeds (Rapeseed, Mustard, Sesamum and other local oilseed crops)	<ol style="list-style-type: none"> 1. Traditional mixed cropping system in <i>jhum</i> areas 2. Poor soil fertility 3. Lack of knowhow about soil fertility management 4. Poor yield of local varieties 5. Heavy infestation of pest and disease 6. Lack of Knowhow about use of irrigation facilities 7. Lack of Knowhow about management of weed infestation 8. High acidity of soil 	<ol style="list-style-type: none"> 1. Scientific cropping system 2. Improved varietal intervention 3. Scientific crop production technology 4. Adoption of INM, IPM and IWM technology 5. Soil amelioration

04	Seppa, Richukhorong Chayang Tajo	Seppa, Bana Chayang Tajo	Pampoli, Jayanti, Fengche, Mebua, Pabua, Lumdung, Wessang, Bana camp village, Richukhrong, and Chayang Tajo HQ	Pulses (Arhar and other local pulse crops)	<ol style="list-style-type: none"> 1. Traditional mixed cropping system in <i>jhum</i> areas 2. Poor soil fertility 3. Lack of knowhow about soil fertility management 4. Poor yield of local varieties 5. Heavy infestation of pest and disease 6. Lack of Knowhow about use of irrigation facilities 7. Lack of Knowhow about management of weed infestation 8. High acidity of soil 	<ol style="list-style-type: none"> 1. Scientific cropping system 2. Improved varietal intervention 3. Scientific crop production technology 4. Adoption of INM, IPM and IWM technology 5. Soil amelioration
05	Seppa, Richukhorong Chayang Tajo	Seppa, Bana Chayang Tajo	Pampoli, Jayanti, Fengche, Mebua, Pabua, Lumdung, Wessang, Bana camp village, Richukhrong HQ, and Chayang Tajo HQ	Vegetables	<ol style="list-style-type: none"> 1. Traditional mixed cropping system in <i>jhum</i> areas 2. Poor soil fertility 3. Lack of knowhow about soil fertility management 4. Poor yield of local varieties 5. Heavy infestation of pest and disease 6. Lack of Knowhow about use of irrigation facilities 7. Lack of Knowhow about management of weed infestation 	<ol style="list-style-type: none"> 1. Scientific cropping system 2. Improved varietal intervention 3. Scientific crop production technology 4. Adoption of INM, IPM and IWM technology 5. Soil amelioration
06	Seppa, Richukhorong Chayang Tajo	Seppa, Bana Chayang Tajo	Pampoli, Jayanti, Fengche, Mebua, Pabua, Lumdung, Wessang, Bana camp village, Richukhrong HQ, Wangsy, and Chayang Tajo HQ	Spices (ginger and other local spices)	<ol style="list-style-type: none"> 1. Traditional mixed cropping system in <i>jhum</i> areas 2. Poor soil fertility 3. Lack of knowhow about soil fertility management 4. Poor yield of local varieties 5. Heavy infestation of pest and disease 6. Lack of Knowhow about use of irrigation facilities 7. Lack of Knowhow about management of weed infestation 	<ol style="list-style-type: none"> 1. Scientific cropping system 2. Improved varietal intervention 3. Scientific crop production technology 4. Adoption of INM, IPM and IWM technology 5. Soil amelioration

07	Seppa, Richukhorong Chayang Tajo	Seppa, Bana Chayang Tajo	Pampoli, Jayanti, Fengche, Mebua, Pabua, Lumdung, Wessang, Bana camp village, Richukhrong HQ, and Chayang Tajo HQ	Fruits (Orange, pear, peach, pineapple and banana)	<ol style="list-style-type: none"> 1. Traditional mixed cropping system in <i>jhum</i> areas 2. Poor soil fertility 3. Lack of knowhow about soil fertility management 4. Poor yield of local varieties 5. Heavy infestation of pest and disease 6. Lack of Knowhow about use of irrigation facilities 7. Lack of Knowhow about management of weed infestation 8. High acidity of soil 	<ol style="list-style-type: none"> 1. Scientific cropping system 2. Improved varietal intervention 3. Scientific crop production technology 4. Adoption of INM, IPM and IWM technology 5. Soil amelioration
08	Seppa, Richukhorong Chayang Tajo	Seppa, Bana Chayang Tajo	Pampoli, Jayanti, Fengche, Mebua, Pabua, Lumdung, Wessang, Mangkha, Bana camp village, Richukhrong HQ, Watte, Wangsy, Chayang Tajo HQ and Sawa HQ	Poultry, Pig, Cattle and Goat	<ol style="list-style-type: none"> 1. Traditional rearing system 2. Poor feeding 3. Use of local low productive breeds 4. Severe disease attack 	<ol style="list-style-type: none"> 1. Scientific production technology 2. Improved breed introduction 3. Feed management 4. Disease management
09	Seppa, Richukhorong Chayang Tajo	Seppa, Bana Chayang Tajo	Pampoli, Jayanti, Fengche, Mebua, Lumdung, Bana camp village, Richukhrong HQ, and Chayang Tajo HQ	Fisheries	<ol style="list-style-type: none"> 1. Traditional fish farming system 2. Low fish production 3. Unavailability fish seeds 4. Disease infestation 5. Lack of knowledge of use of fish feed 6. Unavailability of fish feed 	<ol style="list-style-type: none"> 1. Adoption of Integrated farming system 2. Composite fish farming system 3. Improvement of water quality 4. Feed management 5. Disease management 6. Renovation of old pond

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

Rank	Thrust area
1.	Adoption of modern improved technology for increasing production and productivity of field crops and horticultural crops.
2.	Introducing different cropping system.
3.	Varietals intervention of field's crops and horticultural crops.
4.	Area expansion of crops in different topographical situation.
5.	Introduction and popularization of different commercial vegetables crops.
6.	Adoption of INM, IPM and IWM in major field and horticultural crops.
7.	Conservation of soil and water through natural resource management during the lean period.
8.	Motivation and phase wise conversion of Jhum/Shifting cultivation to Terrace/Settled cultivation.
9.	Cultivation of high demanding spice crops e.g. Improve variety of Ginger.
10.	Popularization of integrated farming system.
11.	Establishment and introducing fish seeds production units.
12.	Popularization of composite fish farming.
13.	Initiation of waste management e.g. house hold, livestock etc.
14.	Promotion of poultry production.
15.	Disease management of poultry and livestock's.
16.	Formation and promotion of CIGs / SHGs /FOs.

PART – II
(OFT AND FLD)

2. Technical activities proposed

Abstract of interventions to be undertaken during 2009-10 (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
01.	Varietals intervention	Mustard Var. M- 27, TS-36, TS-38	Low yield of undescript variety	Scientific Cultivation important of Mustard	NA	Cultivation of Mustard under life saving irrigation condition	NA	Field day Field visit	1. Seeds 2. Fertilizers 3. Insecticide and pesticide
02.	Varietals intervention	Sali paddy Var. Keteki joha	Low yield of undescript variety of scented rice	Scented rice cultivation	NA	Scented rice cultivation	NA	Field visit	1. Seeds 2. Fertilizers 3. Insecticide and pesticide
03.	Varietals intervention	Maize Var. HQPM – 5 and HQPM - 7	Low yield of undescript variety	Scientific cultivation of Quality Protein Maize	NA	Scientific cultivation of Quality Protein Maize	NA	Field visit	1. Seeds 2. Fertilizers 3. Insecticide and pesticide
04.	Weed management and moisture conservation	Pineapple var. Kew	Weed infestation, poor fruit size, weight and yield	Mulching in pineapple	NA	Mulching in pineapple	NA	Field day Field visit	1. Mulching materials 2. Insecticide and pesticide
05.	Scientific cultivation	Banana Var. Dwarf Cavendish	Low yield due to unsystematic planting.	High density planting of Banana	NA	High density planting of Banana	NA	Field visit	1. Planting materials 2. Fertilizers 3. Insecticide and pesticide
06.	Composite fish culture	Spawn of IMC and EMC like Silver carp, Common carp and Grass carp	Low fish production	Assessment of performance of composite fish culture	NA	composite fish culture	NA	Field visit	1. Fish seed 2. Fertilizers 3. Insecticide and weedicide 4. Feeds
07.	Nursery management techniques	Spawn of IMC and EMC like Silver carp, Common carp and Grass carp	% of survivality of Carp seeds is low	Carp seed rearing in nursery pond	NA	Carp seed rearing in nursery pond	NA	Field visit	1. Fish seed 2. Fertilizers 3. Insecticide and weedicide 4. Feeds

08.	Disease management	Piggery	Swine fever	Vaccination against swine fever	NA	Vaccination against swine fever	NA	Field visit	1. Lapinised swine fever vaccine 2. Alternated tissue culture vaccine
09.	Disease management	Poultry	Ranikhet disease	Vaccination against Ranikhet disease	NA	Vaccination against Ranikhet disease	NA	Field visit	1. Vaccine F ₁ and R ₂ B 2. Lasota
10	Disease management	Poultry	Coccidiosis	Control of Coccidiosis	NA	Control of Coccidiosis	NA	Field visit	1. Amprolium powder

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 On Farm Trials be undertaken during 2009-10 (Target)

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	Assessment/ Refinement (WRITE A / R)	No. of trials*
1	2	3	4	5	6
Mustard Var. M- 27, TS-36, TS-38	Local	Low yield of undescrpt variety	Scientific Cultivation important of Mustard	A	1(6)
Sali paddy Var. Keteki joha	Local	Low yield of undescrpt variety	Scented rice cultivation	A	1(5)
QPM Maize Var. HQPM – 5 and HQPM - 7	Local	Low yield of undescrpt variety	Scientific cultivation of Quality Protein Maize	A	1(6)
Pineapple var. Kew	No Mulching	Weed infestation, poor fruit size, weight and yield	Mulching in pineapple	A	1(3)
Banana Var. Dwarf Cavendish	Local	Low yield due to unsystematic planting.	High density planting of Banana	A	1(5)
IMC and EMC like Silver carp, Common carp and Grass carp	No scientific cultivation	Low fish production	Assessment of performance of composite fish culture	A	1(3)
IMC and EMC like Silver carp, Common carp and Grass carp	No scientific cultivation	% of survivality of Carp seeds is low	Carp seed rearing in nursery pond	A	1(3)
Piggery	No vaccination	Swine fever	Vaccination against swine fever	A	1(5)
Poultry	No vaccination	Ranikhet disease	Vaccination against Ranikhet disease	A	1(5)
Poultry	No vaccination	Coccidiosis	Control of Coccidiosis	A	1(5)

* 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
A	Under pipeline	Yes		1. Grain yield 2. Farmers reaction
A	2007	Yes		1. Date of sowing and transplanting 2. Days to 50% flowering 3. Plant height 4. No of ear bearing tillers/m ² 5. Grain/panicle 6. Pest and disease infestation 7. Farmers reaction
A	2008	Yes		1. Plant height 2. Cob length 3. No. of cobs/plant 4. No. of grains/cob 5. Test weight 6. Farmers reaction
A	2004	Yes		1. Yield 2. Fruit wt. 3. Quality parameters
A	2005	Yes		1. Yield 2. Bunch wt 3. Total no of hands and fingers/ bunch 4. Sucker production
A	2006	Yes		1. Fish Production (kg/ha/Yr)
A	2002	No	No existence of Carp seed rearing practices in the district	1. Fish Fry Survivability (kg/ha/Yr)
A	2007	Yes		1. Disease incidence after vaccination
A	2008	Yes		1. Disease incidence after vaccination
A	2008	Yes		1. Disease incidence after vaccination

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

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											
Resource Conservation Technologies											
Cropping Systems	01	NA	NA	NA	NA	NA	NA	15	5	20	20
Crop Diversification											
Integrated Farming systems											
Water management	01	NA	NA	NA	NA	NA	NA	15	5	20	20
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	01	NA	NA	NA	NA	NA	NA	10	10	20	20
Nursery raising	01	NA	NA	NA	NA	NA	NA	10	10	20	20
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											
Management of young plants/orchards											
Rejuvenation of old orchards											
Cultivation of export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques	02	NA	NA	NA	NA	NA	NA	20	20	40	40
c) Ornamental Plants											
Nursery Management											
Management of potted plants	01	NA	NA	NA	NA	NA	NA	5	15	20	20

Fodder production												
Production of organic inputs												
II Horticulture												
a) Vegetable Crops												
Production of low volume and high value crops												
Off-season vegetables	02	NA	NA	NA	NA	NA	NA	20	25	45	45	
Nursery raising	02	NA	NA	NA	NA	NA	NA	20	25	45	45	
Exotic vegetables production												
Production of export potential vegetables												
Grading and standardization												
Protective cultivation (Green Houses, Shade Net etc.)												
b) Fruits												
Training	01	NA	NA	NA	NA	NA	NA	10	10	20	20	
Pruning	01	NA	NA	NA	NA	NA	NA	10	10	20	20	
Layout and Management of Orchards	01	NA	NA	NA	NA	NA	NA	10	10	20	20	
Cultivation of Fruit crops	01	NA	NA	NA	NA	NA	NA	10	10	20	20	
Management of young plants/orchards	01	NA	NA	NA	NA	NA	NA	10	10	20	20	
Rejuvenation of old orchards	01	NA	NA	NA	NA	NA	NA	15	10	25	25	
Cultivation of export potential fruits												
Micro irrigation systems of orchards												
Plant propagation techniques	03	NA	NA	NA	NA	NA	NA	30	30	60	60	
c) Ornamental Plants												
Nursery Management												
Management of potted plants	01	NA	NA	NA	NA	NA	NA	5	15	20	20	
Production of export potential ornamental plants												
Propagation techniques of Ornamental Plants												
d) Plantation crops												
Production and Management technology												
Processing and value addition	02	NA	NA	NA	NA	NA	NA	15	30	45	45	
e) Tuber crops												
Production and Management technology												
Processing and value addition												
f) Spices												
Production and Management technology	01	NA	NA	NA	NA	NA	NA	5	15	20	20	
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	01	NA	NA	NA	NA	NA	NA	15	10	25	25	
Integrated Nutrient Management	01	NA	NA	NA	NA	NA	NA	10	10	20	20	
Production and use of organic inputs												
Management of Problematic soils												
Micro nutrient deficiency in crops	02	NA	NA	NA	NA	NA	NA	20	20	40	40	

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	02	NA	NA	NA	NA	NA	NA	20	20	40	40	
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	02	NA	NA	NA	NA	NA	NA	20	20	20	20	
Mobilization of social capital in villages												
Entrepreneurial development of farmers/youths	01	NA	NA	NA	NA	NA	NA	10	10	10	10	
WTO and IPR issues												
XI Agro-forestry												
Production technologies												
Nursery management												
Integrated Farming Systems												
XII Others (Pl. Specify)												
TOTAL	57	NA	NA	NA	NA	NA	NA	735	610	1345	1345	
(B) RURAL YOUTH												
Mushroom Production	03	NA	NA	NA	NA	NA	NA	26	24	50	50	
Bee-keeping												
Integrated farming												
Seed production												
Production of organic inputs												
Integrated Farming												
Planting material production												
Vermiculture												
Sericulture												
Protected cultivation of vegetable crops												
Commercial fruit production												
Repair and maintenance of farm machinery and implements												
Nursery Management of Horticulture crops	01	NA	NA	NA	NA	NA	NA	10	10	20	20	
Training and pruning of orchards												
Value addition	01	NA	NA	NA	NA	NA	NA	5	10	15	15	

Production of quality animal products												
Dairying	01	NA	NA	NA	NA	NA	NA	10	5	15	15	
Sheep and goat rearing												
Quail farming												
Piggery	01	NA	NA	NA	NA	NA	NA	10	5	15	15	
Rabbit farming												
Poultry production	03	NA	NA	NA	NA	NA	NA	28	27	55	55	
Ornamental fisheries	03	NA	NA	NA	NA	NA	NA	26	24	50	50	
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	13	NA	NA	NA	NA	NA	NA	115	105	220	220	
(C) Extension Personnel												
Productivity enhancement in field crops	01	NA	NA	NA	NA	NA	NA	15	5	20	20	
Integrated Pest Management												
Integrated Nutrient management												
Rejuvenation of old orchards	01	NA	NA	NA	NA	NA	NA	15	5	20	20	
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												
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) Composite fish culture in EK	01	NA	NA	NA	NA	NA	NA	15	5	20	20	
TOTAL	03	NA	NA	NA	NA	NA	NA	45	15	60	60	

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					
Oilseeds	Mustard	M-27/TS-36/TS-38	0.50	1250.00	12
Pulses					
Vegetables					
Flower Crops					
Others (Specify)					

Planting materials :

Sl. No.	Crop	Variety	Quantity (Nos.)	Value (Rs.)	To be provided to (No. of Farmers)
Fruits					
Spices					
Vegetables					
Forest Species					
Ornamental Crops					
Plantation Crops					
Others (specify)					

Bioproducts :

Sl. No.	Product Name	Species	Quantity		Value (Rs.)	To be provided to (No. of Farmers)
			No	(kg)		
Bioagents						
1						
2						
3						
Biofertilizers						
1						
2						
3						
Bio Pesticides						
1						
2						
3						

Livestock :

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	Annual Action Plan, Annual Report and FLD report of Sali paddy	03
News letters	-	-
Technical bulletins		
Popular articles	System of rice intensification, High density planting of pineapple, Why should we eat fish, Composite fish culture in EK, Mushroom production, Vermicomposting, Integrated nutrient management in rice, Cucurbitaceous crops, Pot culture, Organic farming	10
Extension literature	News letter, Pamphlet	02
Others (Pl. specify)	KVK website	01
Total		16

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 : 1
- ii. No. of farm families to be selected : 20
- iii. No. of surveys/PRA to be conducted : 20

Proposed activities of Soil and Water Testing Laboratory:

Status of establishment of Lab : NA

- 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
District Agriculture Office, Seppa	Implementation of KVK activities
District Horticulture Office, Seppa	Implementation of KVK activities
District Fishery Development Office, Seppa	Implementation of KVK activities
District Veterinary Office, Seppa	Implementation of KVK activities
District Forest Office, Seppa	Implementation of KVK activities
DRDA, Seppa	Implementation of KVK activities
Assam Agricultural University, Jorhat and other Regional Research Stations of AAU	Implementation of KVK activities

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.)

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								
Rice	15.06.2010	20.11.2010	3	Ranjit, Mahsuri, Keteki joha	Paddy and Straw	7.5 tones	35,000.00	45,000.00
Pulses								
Oilseeds								
Mustard	30.09.2009	30.12.2009	2	M- 27, TS-36, TS-38	Mustard	1.2 tones	10000.00	24,000.00
Fibers								
Spices								
Ginger	10.03.2010	10.02.2011	0.13	Nadia, Bhola	Ginger	2 tones	10000.00	24,000.00
Plantation crops								
Floriculture								
Fruits								
Pineapple	10.03.2010	30.08.2011	0.13	Kew, Queen	Fruits, crown and sucker	6000 no	25,000.00	60,000.00
Banana	10.04.2010	10.03.2011	0.13	Dwarf Cavendish	Fruits and sucker	400 bunches	20,000.00	40,000.00
Vegetables								
Others (Specify)								

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 2009-10 for KVK.

On Farm Trials

Thematic areas	Cereals	Oilseeds	Pulses	Vegetables	Fruits	Total
Varietal intervention	02	01	NA	NA	NA	03
Scientific cultivation	NA	NA	NA	NA	02	01
Water and weed management	NA	NA	NA	NA	01	01
Fisheries	NA	NA	NA	NA	NA	02
Animal sciences	NA	NA	NA	NA	NA	03
Grand total						10

FLDs on oilseed and pulse crops.

Name of KVK	Oilseeds		Pulses	
	Area (ha)	No. of farmers	Area (ha)	No. of farmers
Total				

Training programmes

Area	Farmers/ farm women		Rural youth		Extension personnel	
	Courses	Participants	Courses	Participants	Courses	Participants
Crop Production	08	190	NA	NA	01	20
Horticulture	17	360	02	35	01	20
Plant Protection	02	60	NA	NA	NA	NA
Home Science	NA	NA	NA	NA	NA	NA
Animal Science	11	300	05	85	NA	NA
Soil Science	04	85	NA	NA	NA	NA
Agri Engineering	NA	NA	NA	NA	NA	NA
Bee Keeping	NA	NA	NA	NA	NA	NA
Mushroom Cultivation	NA	NA	03	50	NA	NA
Agro forestry	NA	NA	NA	NA	NA	NA
Others i) Fishery	10	250	03	50	01	20
ii) Agri.Extension	02	60	NA	NA	NA	NA
iii) Production of input at site	02	40	NA	NA	NA	NA
iv) Capacity building	03	60	NA	NA	NA	NA
Total	59	1405	13	220	03	60

Extension Activities

Activity	Nos
Field days	11
Kisan Mela	
Exhibition	02
Exposure visit	04
Extension literature	10
Scientist farmers' interaction	10
Ex-trainees meet	05
Advisory services	
Newspaper coverage	20
TV show	
Radio talk	
Others (Kisan Gosthi)	
Total	

Seed Production:

KVK	Quantity (qtl)			
	Cereals	Oilseeds	Pulses	Vegetables
East Kameng		0.50		
Total		0.50		

Planting Materials :

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

Signature,
Programme coordinator,
KVK, East Kameng

(Signature not needed in case of soft copy)

Notes:

The modalities for submission are available in the website www.icarzcu3.gov.in and is also mailed to respective KVKs. The same may be strictly followed.