

**ANNUAL ACTION PLAN: 2011-12 (2011 APRIL TO 2012 MARCH)**

**KVK, DHEMAJI**

**PART – I  
(GENERAL INFORMATION)**

**1. General information about the KVK**

**Name and address of KVK with Phone, Fax and E-mail\***

<b>Complete postal address with Pin Code</b>	<b>Telephone</b>	<b>Fax</b>	<b>E mail</b>
Krishi Vigyan Kendra, Dhemaji Assam Agricultural University P.O.- Silapathar District.- Dhemaji Assam, PIN-787 059	NA	NA	kvkaau_dhemaji@rediffmail.com

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

<b>Complete postal address with Pin Code</b>	<b>Telephone</b>	<b>Fax</b>	<b>E mail</b>
Assam Agricultural University P.O.-Assam Agricultural University District-Jorhat, Assam PIN-785 013	0376-2340001, 2340013	0376-2340001	vc@aau.ac.in

**Name of the Programme Coordinator with Landline & Mobile No\***

<b>Name of PC</b>	<b>Contacts</b>		
	<b>Residence</b>	<b>Mobile</b>	<b>E mail</b>
Mr. Pranjal Pratim Neog		9957186905	ppneog124@rediffmail.com

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

**Year of sanction of KVK: 2005**

**Scientific Staff Position\* (As on 31<sup>st</sup> March 2011)**

No.	Sanctioned posts	Name of the incumbent	Designation	Discipline	Date of joining	Permanent /Temporary
1	Programme Coordinator	Vacant	Programme Coordinator	-	-	
2	Subject Matter Specialist	Dr. Manisha Kachari	SMS	Horticulture	07-11-08	
3	Subject Matter Specialist	Mrs. Arifa Momtaz Begum	SMS	Home Science	07-11-08	
4	Subject Matter Specialist	Mr. Pranjal Pratim Neog	SMS	Nematology	07-11-08	
5	Subject Matter Specialist	Mrs, Trishnalee Saikia	SMS	Agril. Economics	07-11-08	
6	Subject Matter Specialist	Mr. Manoj Kumar Chauhan	SMS	Soil Science	10-11-08	
7	Subject Matter Specialist	Vacant	SMS	-	-	
8	Computer Programmer	Mr. Pranabesh Barman	Computer Programmer	Computer	14-11-08	
9	Farm Manager	Mr. Satya Nath Dekka	Farm Manager	Plant Pathology	12-01-09	
10	Programme Assistant	Dr. Ashim Saikia	PA (attached to DoEE, AAU, Jorhat)	Veterinary	16-03-09	

\* = 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): 27.0**

No.	Item	Area (ha)
1	Under Buildings	9.0
2.	Under Demonstration Units	1.5
3.	Under Crops	7.0
4.	Orchard/Agro-forestry	8.0
5.	Others (MAP, Som & Sugarcane)	1.5

**SAC meetings proposed for the year**

No.	Proposed Date/Month	Expected Participants	Salient Action Points
1.	NA	NA	NA

**Details of district (2010-11)**
**Major farming systems existing in the district\* (based on the study made by the KVK)**

No	Farming systems identified
1	Rice-Fish-Vegetables
2	Livestock-Fish-Horticulture
3	Dairy-Vermicompost-Fish-Vegetables
4	Sericulture-Livestock-Horticulture

\* = 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	North Bank Plain Zone	The soil is developed on alluvium derived from the adjacent Himalayan range by the river Brahmaputra and its tributaries. The soils are mostly sandy loam having medium to high Nitrogen, low in Phosphorus and medium in Potassium content. The pH of the soil varies from 4.8 to 6.0. The topography of the soils is mostly medium land in the plain areas being chronically flood affected. Low land areas towards riverine tract are submerged or flooded due to high rainfall during rainy season. The foot hill region is characterized by undulating topography.

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

No	Agro ecological situation	Characteristics
1	Medium land	Generally flood free but occasionally submerged due to high rainfall. Soils are mostly acidic, clay loam in texture with medium in nitrogen, low in phosphorus and medium in potassium content.
2	Low and Flood affected	Flood plain, submerged almost whole rainy season. Soils are mostly acidic, sandy loam in texture with medium in nitrogen, low in phosphorus and medium in potassium content.
3	Silt deposited area	Flood plain having silt deposition, occasionally submerged. Soils are mostly acidic, silty loam in texture with medium in nitrogen, low in phosphorus and medium in potassium content.
4	Sand deposited area	Flood plain having sand deposition, occasionally submerged. Soils are mostly acidic, sandy in texture with micro nutrient deficiency, medium in nitrogen, low in phosphorus and medium in potassium content. Mild iron toxicity persist.
5	Foothill	Undulating topography. Soils are acidic in nature, sandy in texture with micro nutrient deficiency, medium in nitrogen, low in phosphorus and medium in potassium content.

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

No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1		Sisiborgaon	Shyamjuli	Paddy, Winter vegetables, Banana, Oilseeds, Maize, Assam lemon	Lack of knowledge in fertilizer application, plant protection, unaware about scientific cultivation practices and proper care of pregnant women and children.	INM, IPM and IDM for sustainable agriculture, Increasing crop productivity through scientific management, Child care and health management of pregnant women, Organic farming, Popularization of home made pesticides
2		Sisiborgaon	Chowkhamting	Paddy, Summer & Winter vegetables, betel vine, Oilseeds, pulses	Non judicious use of fertilizer, plant protection, unaware about scientific cultivation practices	INM, IPM and IDM for sustainable agriculture, Increasing crop productivity through scientific management, Popularization of home made pesticides
3		Sisiborgaon	Gormora	Paddy ( <i>Ahu, Sali</i> & Deep water rice), winter vegetables, livestock	Imbalance use of fertilizers and plant protection, lack of knowledge on cropping plan before and after flood, livestock management, lack of knowledge on scientific cultivation practices, unaware about proper care of pregnant women and children, sand & silt deposited soils.	INM, IPM and IDM for sustainable agriculture, Contingency planning for flood prone areas, Management of sand/silt deposited areas for better crop yield, Increasing crop productivity through scientific management, Post harvest management of perishable crops, Health management of livestock, poultry and piggery
4		Sisiborgaon	Amguri	Paddy ( <i>Ahu, Sali</i> & Deep water rice), winter vegetables, livestock	Imbalance use of fertilizers and plant protection, lack of knowledge on cropping plan before and after flood, lack of knowledge on scientific cultivation practices, livestock management, unaware about proper care of pregnant women and children, sand & silt deposited soils.	INM, IPM and IDM for sustainable agriculture, Contingency planning for flood prone areas, Management of sand/silt deposited areas for better crop yield, Increasing crop productivity through scientific management, Post harvest management of perishable crops, Health management of livestock, poultry and piggery

5		Bordoloni	DBorbilla bhebeli gaon	winter paddy, summer and winter Vegetable	Imbalance use of fertilizers, plant protection, lack of knowledge on cropping plan before and after flood, lack of knowledge on scientific cultivation practices, livestock management, unaware about proper care of pregnant women and children, sand & silt deposited soils.	INM, IPM and IDM for sustainable agriculture, Increasing crop productivity through scientific management, Management of sand/silt deposited areas for better crop yield, Health management of livestock, poultry and piggery, Child care and health management of pregnant women.
6		Sisiborgaon	Dimowgolai	Winter paddy, sugarcane, summer and winter vegetables	Imbalance use of fertilizers, plant protection, lack of knowledge on scientific cultivation practices.	INM, IPM and IDM for sustainable agriculture, Increasing crop productivity through scientific management, Health management of livestock, poultry and piggery, Organic farming
7		Sissiborgaon	Bokajan	Paddy, summer and winter vegetable, black piper, citrus, livestocks	Imbalance use of fertilizers and plant protection, unaware about scientific cultivation practices, live stock management	Integrated Nutrient Management, Integrated Pest and Disease Management, Increasing crop productivity through scientific management, Health management of livestock, poultry and piggery
8		Jonai	Puranajelam	Paddy, maize, fruit crops, summer and winter vegetable, pulses and oilseed, livestock	Imbalance use of fertilizers and plant protection, unaware about scientific cultivation practices, live stock management	Integrated Nutrient Management, Integrated Pest and Disease Management, Increasing crop productivity through scientific management, Health management of livestock, poultry and piggery
9		Jonai	Baghgaon	Paddy, dominated with summer vegetable and mostly potato cultivation in winter, livestock	Imbalance use of fertilizers and plant protection, unaware about scientific cultivation practices, live stock management, unaware about proper care of pregnant women and children.	Integrated Nutrient Management, Integrated Pest and Disease Management Increasing crop productivity through scientific management, Health management of livestock, poultry and piggery, Child care and health management of pregnant women.
10		Machkowa	Deugharia	Paddy, mustard, vegetable, livestock	Imbalance use of fertilizers and plant protection, unaware about scientific cultivation practices, live stock management	Integrated Nutrient Management, Integrated Pest and Disease Management Increasing crop productivity through scientific management, Health management of livestock, poultry and piggery
11		Sissiborgaon	Gai Deuri Gaon	Paddy, Vegetables	Imbalance use of fertilizers, plant protection, lack of knowledge on cropping plan before and after flood, lack of knowledge on scientific cultivation practices	Integrated Nutrient Management, Integrated Pest and Disease Management Increasing crop productivity through scientific management, Integrated farming system
12		Jonai	Oiramghat	Paddy, summer and winter vegetable, pulses and oilseed, livestocks	Imbalance use of fertilizers, plant protection, lack of knowledge on cropping plan before and after flood, lack of knowledge on scientific cultivation practices	Integrated Nutrient Management, Integrated Pest and Disease Management Increasing crop productivity through scientific management, Integrated farming system
13		Simenchapori	Tadunia	Paddy, summer and winter vegetable, pulses and oilseed, livestocks	Imbalance use of fertilizers, plant protection, lack of knowledge on cropping plan before and after flood, lack of knowledge on scientific cultivation practices	Integrated Nutrient Management, Integrated Pest and Disease Management Increasing crop productivity through scientific management, Integrated farming system

14		Simenchapori	Loglung	Paddy, summer and winter vegetable, pulses and oilseed, livestock	Imbalance use of fertilizers, plant protection, lack of knowledge on cropping plan before and after flood, lack of knowledge on scientific cultivation practices	Integrated Nutrient Management, Integrated Pest and Disease Management Increasing crop productivity through scientific management, Integrated farming system
15		Jonai	Lamajan	Paddy, summer and winter vegetable, livestock	Imbalance use of fertilizers and plant protection measures, unaware about scientific cultivation practices, livestock management	INM, IPM and IDM for sustainable agriculture, Increasing crop productivity through scientific management, Health management of livestock, poultry and piggery, Contingency planning for flood prone areas
16		Sissiborgaon	Santipur	Paddy, summer and winter vegetable, pulses and oilseed, livestock	Imbalance use of fertilizers and plant protection, unaware about scientific cultivation practices, live stock management, unaware about proper care of pregnant women and children.	Integrated Nutrient Management, Integrated Pest and Disease Management Increasing crop productivity through scientific management, Health management of livestock, poultry and piggery, Child care and health management of pregnant women.
17		Jonai	Dimoriguri	Paddy, Vegetables	Imbalance use of fertilizers, plant protection, lack of knowledge on cropping plan before and after flood, lack of knowledge on scientific cultivation practices	Integrated Nutrient Management, Integrated Pest and Disease Management Increasing crop productivity through scientific management, Integrated farming system
18		Machkhowa	Bengenagora	Paddy, Vegetables, oilseeds, pulses	Imbalance use of fertilizers, plant protection, lack of knowledge on cropping plan before and after flood, lack of knowledge on scientific cultivation practices	Integrated Nutrient Management, Integrated Pest and Disease Management Increasing crop productivity through scientific management, Integrated farming system
19		Machkhowa	Ghinai	Paddy, Vegetables, oilseed, pulses	Imbalance use of fertilizers, plant protection, lack of knowledge on cropping plan before and after flood, lack of knowledge on scientific cultivation practices	Integrated Nutrient Management, Integrated Pest and Disease Management Increasing crop productivity through scientific management, Integrated farming system
20		Bordoloni	Kowpatani	Paddy, Vegetables	Imbalance use of fertilizers, plant protection, lack of knowledge on cropping plan before and after flood, lack of knowledge on scientific cultivation practices	Integrated Nutrient Management, Integrated Pest and Disease Management Increasing crop productivity through scientific management, Integrated farming system
21		Sissiborgaon	Nagaon, Silapathar	Paddy, Vegetables	Imbalance use of fertilizers, plant protection, lack of knowledge on cropping plan before and after flood, lack of knowledge on scientific cultivation practices	Integrated Nutrient Management, Integrated Pest and Disease Management Increasing crop productivity through scientific management, Integrated farming system
22		Machkhowa	I No. Borajan	Paddy, Vegetables, oil seeds, pulses	Imbalance use of fertilizers, plant protection, lack of knowledge on cropping plan before and after flood, lack of knowledge on scientific cultivation practices	Integrated Nutrient Management, Integrated Pest and Disease Management Increasing crop productivity through scientific management, Integrated farming system

23		Jonai	Telem	Paddy, Vegetables, oil seeds, pulses, Livestock	Imbalance use of fertilizers, plant protection, lack of knowledge on cropping plan before and after flood, lack of knowledge on scientific cultivation practices	Integrated Nutrient Management, Integrated Pest and Disease Management Increasing crop productivity through scientific management, Health management of livestock, poultry and piggery, Child care and health management of pregnant women.
24		Bordoloni	Gogamukh	Paddy, Vegetables, oil seeds, pulses, Livestock	Imbalance use of fertilizers, plant protection, lack of knowledge on cropping plan before and after flood, lack of knowledge on scientific cultivation practices	Integrated Nutrient Management, Integrated Pest and Disease Management Increasing crop productivity through scientific management, Health management of livestock, poultry and piggery, Child care and health management of pregnant women.
25		Dhemaji	Jamuguri, Moridhol	Paddy, Vegetables, oil seeds, pulses, Livestock	Imbalance use of fertilizers, plant protection, lack of knowledge on cropping plan before and after flood, lack of knowledge on scientific cultivation practices	Integrated Nutrient Management, Integrated Pest and Disease Management Increasing crop productivity through scientific management, Health management of livestock, poultry and piggery, Child care and health management of pregnant women.

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

Rank	Thrust area
1	Integrated Nutrient Management.
2	Integrated Pest and Disease Management
3	Management of silt/sand deposited areas for better crop yield
4	Increasing crop productivity through scientific management
5	Contingency planning for flood prone areas
6	Health management of livestock, poultry and piggery
7	Popularization of indigenous and home made pesticides
8	Entrepreneurship development for rural youth
9	Child care and health management of pregnant women.
10	Strengthening of SHGs through capacity building
11	Exploration of better marketing avenues
12	Sericulture
13	Integrated farming system
14	Post harvest management of perishable crops
15	Farm mechanization to reduce drudgery for farm women
16	Value addition to different handloom products

**PART – II  
(OFT AND FLD)**

**2. Technical activities proposed**

**Abstract of interventions to be undertaken during 2011-12 (Target)**

No	Thrust area	Crop/ Enterprise	Identified Problem	Proposed Interventions (Give titles)					
				Title OFTs	Title FLDs	Title of Trainings	Title of training for extension Personnel	Extension activities	Supply of seeds, planting materials
1	IPM and IDM for sustainable agriculture,	Vegetable crops	High incidence of bacterial wilt in tomato and brinjal	Management of bacterial wilt in tomato /brinjal					Seeds, fertilizers, plant protection measures
2	Increasing crop productivity through scientific management	vegetables	Low production of local and non descript brinjal varieties	Performance of brinjal var. RCMBL-1					Seeds, fertilizers, plant protection measures
3	Health management of livestock, poultry and piggery	Animal science	Mortality and other infection in pigs due to castration by local methods	Chemical castration of pigs					Inputs related to chemical castrationchemical
4	Increasing crop productivity through scientific management	vegetables	Low production of local and non descript varieties	Performance of Megha Ashgourd- 1,2					Seeds, fertilizers, plant protection measures
5	Integrated nutrient management	Field crops	Low availability of potash in soil	Potash management in lentil					Seeds, fertilizers, plant protection measures
6	Increasing crop productivity through scientific management	Field crops	Imbalance use of nutrient	INM in mustard/ toria					Seeds, fertilizers, plant protection measures
7	Contingency planning for flood prone areas	Field crops	Late planting of aged seedlings of local varieties due to flood with poor yield	Staggered planting of rice cultivation					Seeds, fertilizers, plant protection measures
8	INM, IPM and IDM for sustainable agriculture,	Field crops	Unaware about the technology	Scented rice cultivation					Seeds, fertilizers, plant protection measures
9	INM, IPM and IDM for sustainable agriculture,	Field crops	Lack of submergence tolerance of local varieties under flash flood situation	Sumergence tolerant rice var. 'Jalashree', 'Jalkonwari'					Seeds, fertilizers, plant protection measures
10	IPM and IDM for sustainable agriculture,	Spice crops	High mortality and Low yield due to rhizome rot	Rhizome Rot management in zinger using Biofor-Pf					Seeds, fertilizers, biofor pf fertilizers, plant protection measures
11	IPM and IDM for sustainable agriculture,	Field crops	High incidence of root-knot nematode disease in blackgram	Management of root-knot nematode by using bioagents and nematicide in blackgram					Seeds, fertilizers, plant protection measures

12	IPM and IDM for sustainable agriculture	Field crops	High incidence of root-knot nematode disease in cucumber	Management of root-knot nematode on cucumber by using organic amendments		Training			Seeds, fertilizers, plant protection measures
13	INM in sustainable agriculture	Field crop	Low availability of potash in soil	Potash management in blackgram					Seeds, fertilizers, plant protection measures
1	Increasing crop productivity through scientific management	Field crops	Low production of local and non descript varieties		Boro rice cultivation	Training			Seeds, fertilizers, plant protection measures
2	Increasing crop productivity through scientific management	Field crops	Flood damage of normal ahu		Rice cultivation in post flood situation	Training			Seeds, fertilizers, plant protection measures
3	Integrated nutrient management	Fodder crops	Imbalance use of nutrient		Homestead method of azolla cultivation			Field Day	Seeds/planting materials, fertilizers
4	Entrepreneurship development for rural youth	Fruit crop	Low production of lemon in off season		Off season cultivation Assam lemon	Training		Field day	Seeds, polythene and Fertilizers
5	Farm mechanization to reduce drudgery for farm women	Field crops	Drudgery of the farm women		Improvisation of household storage of paddy	Training		Field Day	Seed protection measures
6	Increasing crop productivity through scientific management	Field crop	Low yield		Integrated nutrient management in rice	Training	Training	Field Day	Seeds, fertilizers, bio fertilizer, plant protection measures
7	INM, IPM and IDM for sustainable agriculture,	Field crops	High incidence of Ufra disease in deep water rice		Management of ufra disease in rice by seed dressing and foliar spray	Training		Field Day	Seeds, fertilizers, plant protection measures
8	IPM and IDM for sustainable agriculture,	Field crop	High incidence of root-knot nematode in greengram		Management of root-knot nematode in greengram by adding organic amendments			Field Day	Seeds, fertilizers, plant protection measures
9	IDM for sustainable agriculture,	Plantation crop	Disease infestation		Disease management in betelvine	Training		Field Day	Plant protection measures
10	Health management of livestock, poultry and piggery	Fodder crop	Non availability of quality fodder grass in the district		Cultivation of Para/ Guinea/ Setaria grasses	Training		Field Day	Planting material, Fertilizers
11	Increasing crop productivity through scientific method	Spice crop	Low Production of local and non descript variety		Performance of high quality turmeric variety Megha turmeric 1	Training		Field day	Seeds, fertilizers, plant protection measures



**Details of On Farm Trials be undertaken during 2011-12 (Target)**

Crop/enterprise	Farming situation	Problem Diagnosed	Title of OFT	Assessment/Refinement (WRITE A / R)	No. of trials*
1	2	3	4	5	6
Tomato or Brinjal	RF	High incidence of bacterial wilt disease	Management of bacterial wilt in tomato /brinjal	A	3
Brinjal	RF	Low production of local and non descript brinjal varieties	Performance of brinjal var. RCMBL-1	A	3
Piggery		Mortality and other infections in pigs due to castration by local methods	Chemical castration of pigs	A	3
Ashgourd	RF	Low production of local variety	Performance of Megha Ashgourd- 1,2	A	
Lentil	RF	Low availability of potash in soil	Potash management in lentil	A	3
Mustard/Toria	RF	Imbalance use of nutrient	INM in mustard/toria	A	3
Rice	RF	Late planting of aged seedlings of local varieties due to flood with poor yield	Staggered planting of rice cultivation		3
Rice	RF	Low yield of local scented variety	Scented rice cultivation	A	3
Rice	RF	Lack of submergence tolerance of local varieties under flash flood situation	Cultivation of submergence tolerant rice	A	3
Zinger	RF	High mortality and Low yield due to rhizome rot disease	Rhizome Rot management in zinger using Biofor-Pf	A	3
Blackgram	RF	High incidence of root knot nematode	Management of root-knot nematode by using bioagents and nematicide in blackgram	A	3
Cucumber	RF	High incidence of root knot nematode	Management of root-knot nematode on cucumber by using organic amendment	A	3
Blackgram	RF	Low availability of potash in soil	Potash management in blackgram	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
Seed treatment (1g per 10g seed), root treatment 1kg in 2 ltr for 1000 seedlings) and soil application (10g +100 g compost per plant) with Biofro-Pf	AAU , Under pipeline	Y		Infected plant, yield
Variety- RCMBL-1	Horticulture division of ICAR, Barapani	Y		Growth parameters and yield
KMnO4 0.25 g in 100 ml of solution (Sol. Glacial acetic acid 17 ml + Dist. Water 83 MI), and Inter Testicular injection of 2.00 to 2.50 ml to each piglet	ICAR Res. Complex for NE Region, Barapani, 2008	Y		To observe the incidence of infections and to compare with other methods, Growth parameters
Variety- Megha Ashgourd- 1,2	ICAR, Borapani	Y		Growth parameters and yield
15:35:15 kg NPK/ha +PSB (seed treatment) @400 kg/ha	RARS, AAU, Shillangani, Nagaon	Y		Days to 50% flowering, plant height, Yield and farmers reaction
Var. TM-2; N: P: K :: 45:22.5:22.5 kg ha <sup>-1</sup> and Azotobacter and PSB	RARS, AAU, Shillangani, Nagaon, Under pipeline	Y		Plant height, plant stand, disease and pest and yield
Var. Gitesh, semi dwarf	RARS, AAU, Titabor	Y		Days to 50% flowering, Ear bearing

				tillers/m <sup>2</sup> , Grain / Panicle, yield, infestation and pest and disease infection
Var. Keteki joha	RARS, AAU, Titabor, 2007	Y		Days to 50% flowering, plant height and yield
var. 'Jalashree', 'Jalkonwari'	AAU			Grain yield
Seed treatment (10 kg seed : 1 kg Biofor Pf) and soil application	AAU, 2004	N	This is a new technology for Dhemaji district	% Infected plant, yield
<i>Trichoderma harzianum</i> @ 10g/m <sup>2</sup> + carbosulfan 25 ST @ 1.5 per cent w/w	AICRP on plant parasitic nematodes, AAU Under pipeline	Y		Nematode population in soil, gall index, yield
Application of Neem cake @ 30gm/pl, mustard oil cake @ 30 gm /pl	AICRP on plant parasitic nematodes, AAU, under pipeline	Y		Nematode population in soil, gall index, yield
N:P:K:: 15:35:15 kg/ ha	RARS, AAU, Nagaon, under pipeline	Y		Disease incidence, plant height & Yields,

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

#### Frontline Demonstrations

Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2010-11 and recommended for large scale adoption in the district

No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha
1	Integrated crop production	FLD on Rabi oilseeds Toria var. TS 36	Front line demonstration and training	1	10	1

\* Thematic areas as given in Table on Training

Details of FLDs to be implemented during 2011-12 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

#### A. Cereal Crops

No.	Crop	Thematic area	Technology 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	Boro rice	Integrated crop management	Boro rice var. Jaymati, Kanaklata	Rabi, 2011-12			1.0	1	2	3
2	Rice	Integrated crop management	Rice cultivation in post flood situation	Kharif, 2011			1.0	1	2	3
3	Rice	Integrated nutrient management	INM in rice	Kharif 2011			0.6	1	2	3
4	Deep water Rice	Disease management	Seed dressing with Carbosulfan 25 ST and foliar spray with Carbosulfan 25EC	Summer, 2012			0.6	1	2	3

**B. Oilseed crops**

No.	Crop	Thematic area	Technology 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	Sesamum	Integrated crop management	Var.ST-1683	Kharif, 2011			4.0	10	10	20	
2	Toria	Integrated crop management	Var. TS-36/TS-38	Rabi, 2011-12			4.0	10	10	20	

**C. Pulse crops**

No.	Crop	Thematic area	Technology 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	Greengram	Integrated crop management	Var. Pratap	Kharif, 2011			2.0	4	6	10	
2	Blackgram	Integrated crop management	Var. Pant U 19 and or KU 301	Kharif, 2011			2.0	5	5	10	
3	Pea	Integrated crop management	Var. Arkal	Rabi, 2011-12			4.0	10	10	20	
4	Greengram	Integrated pest and disease management	Application of organic amendments like mustard oil cake/ neem cake	Kharif, 2011			0.6	2	1	3	

**D. Horticultural crops**

No.	Crop	Thematic area	Technology 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	Betelvine	Disease management	Drenching with 1% BM, Spraying with 0.5% BM <i>Trichodema harzianum</i> @ 500kg ha <sup>-1</sup>	Summer, 2011			0.4	2	1	3	
2	Turmeric	Vegetable crops	Variety Megha turmeric 1	Summer, 2011			0.2	1	2	3	

3	Assam lemon	Fruit crops	Mulching technology	Rabi, 2011-12			3 nos.	1	2	3
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#### E. Fodder crops

No.	Crop	Thematic area	Technology 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	Para/Guinea/ Setaria grasses	Fodder production	Hamil, PGG 3, PGG 9/ Nandi/ Narak/ Local	Summer, kharif, 2011		2	0.27	1	1	2

#### F. Production of organic inputs

No.	Crop	Thematic area	Technology 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?	No.	No. of farmers/demonstration		
							Proposed	SC/ST	Others	Total
1	Azolla	Production and use of organic inputs	Homestead method of azolla cultivation	Whole year, 2011-12			15	1	2	3

#### Extension and Training activities proposed under FLD

No.	Activity	No. of activities	Tentative date	Number of participants	Remarks
1	Field days	15	Crop harvesting month	375	
2	Farmers Training	2	Cropping season	50	
3	Media coverage	8			

#### 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
1	Paddy	Location specific drudgery reduction technologies	Duli	Kharif, 2011			3 nos.	2	1	3

#### 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	Banraja	10	100	1.Weight of birds, 2. Age at 1st lay, 3. Av. Annual egg production				

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

#### Other Enterprises

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	P. sajarcaju/ P. florida/ ornucoptiae	30	3	Fresh weight of mushroom				

Apiary									
Sericulture									
Vermi-compost									

**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: NA**

**Off Campus**

Thematic area	Courses (No)	No. of participants									Grand Total
		Others			SC			ST			
		Male	Female	Total	Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>											
<b>I Crop Production</b>											
Weed Management											
Nutrient Management	6	40	21	61	10	5	15	44	30	74	150
Resource Conservation Technologies											
Cropping Systems	1	10	5	15				8	2	10	25
Crop Diversification											
Integrated Farming systems (Agril. Economics)	2	14	12	26				10	14	24	50
Water management											
Seed production											
Nursery management											
Integrated Crop Management	5	35	16	51				54	20	74	125
Fodder production											
Production of organic inputs											
<b>II Horticulture</b>											
<b>a) Vegetable Crops</b>											
Production of low volume and high value crops											
Off-season vegetables											
Nursery raising											
Exotic vegetables production	1	7	3	10				9	6	15	25
Production of export potential vegetables	2	19	12	31	3	0	3	13	3	16	50
Grading and standardization											
Protective cultivation (Green Houses, Shade Net etc.)											
<b>b) Fruits</b>											
Training											
Pruning											
Layout and Management of Orchards	1	6	4	10				10	5	15	25
Cultivation of Fruit crops	2	18	5	23	2	2	4	15	8	23	50
Management of young plants/orchards											
Rejuvenation of old orchards											
Cultivation of export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques	1	8	2	10	1	1	2	11	2	13	25
<b>c) Ornamental Plants</b>											

Nursery Management											
Management of potted plants											
Production of export potential ornamental plants											
Propagation techniques of Ornamental Plants											
<b>d) Plantation crops</b>											
Production and Management technology	1	6	4	10				13	2	15	25
Processing and value addition											
<b>e) Tuber crops</b>											
Production and Management technology	1	11	5	16				6	3	9	25
Processing and value addition											
<b>f) Spices</b>											
Production and Management technology	1	16	2	18				5	2	7	25
Processing and value addition											
<b>g) Medicinal and Aromatic Plants</b>											
Nursery management											
Production and management technology											
Post harvest technology and value addition											
<b>III Soil Health and Fertility Management</b>											
Soil fertility management											
Soil and Water Conservation											
Integrated Nutrient Management	4	51	13	64				22	14	36	100
Production and use of organic inputs	1	12	6	18				5	2	7	25
Management of Problematic soils	1	18	2	20				5		5	25
Micro nutrient deficiency in crops											
Nutrient Use Efficiency	1	10	5	15				8	2	10	25
Soil and Water Testing	3	24	17	41				27	7	34	75
<b>IV Livestock Production and Management</b>											
Dairy Management	2	17	6	23	5	1	6	19	2	21	50
Poultry Management											
Piggery Management	3	20	3	23	5	0	5	35	12	47	75
Rabbit Management											
Disease Management	2	17	7	24	2	1	3	20	3	23	50
Feed management	1	10	5	15				10		10	25
Production of quality animal products											
<b>V Home Science/Women empowerment</b>											
Household food security by nutrition gardening	1		15	15					10	10	25
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		17	17					8	8	25
Storage loss minimization techniques	1		20	20					5	5	25
Value addition	1		9	9					16	16	25
Income generation activities for empowerment of rural Women	4		44	44		16	16		40	40	100
Location specific drudgery reduction technologies											
Rural Crafts											
Women and child care											
<b>VI Agricultural Engineering</b>											

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											
<b>VII Plant Protection</b>											
Integrated Pest Management	13	90	46	136	38	25	63	95	31	126	325
Disease Management	1	3	3	6	2	0	2	11	6	17	25
Bio-control of pests and diseases	1	5	2	7	5	1	6	10	2	12	25
Production of bio control agents and bio pesticides											
<b>VIII Fisheries</b>											
Integrated fish farming	1	9	3	12				7	6	13	25
Carp breeding and hatchery management											
Carp fry and fingerling rearing											
Composite fish culture											
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture											
Fish processing and value addition											
<b>IX Production of Inputs at site</b>											
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											
<b>X Capacity Building and Group Dynamics</b>											
Leadership development in villages	1	6	6	12				5	8	13	25
Managing Group dynamics	2	14	12	26				10	14	24	50
Formation and Management of SHGs (Agril. Economics)	2	10	16	26				6	18	24	50
Mobilization of social capital in villages											
Entrepreneurial development of farmers/youths (Agril. Economics)	2	16	8	24				8	18	26	50
WTO and IPR issues											
<b>XI Agro-forestry</b>											
Production technologies											
Nursery management											
Integrated Farming Systems											

<b>XII Others (Pl. Specify)</b>											
<b>TOTAL</b>	<b>73</b>	<b>522</b>	<b>356</b>	<b>878</b>	<b>73</b>	<b>52</b>	<b>125</b>	<b>501</b>	<b>321</b>	<b>822</b>	<b>1825</b>
<b>(B) RURAL YOUTH</b>											
Mushroom Production	4	24	24	48				20	32	52	100
Bee-keeping											
Integrated farming											
Seed production											
Production of organic inputs											
Integrated Farming	1	6	6	12				5	8	13	25
Planting material production											
Vermiculture	2	16	4	20	6	2	8	14	8	22	50
Sericulture											
Protected cultivation of vegetable crops											
Commercial fruit production											
Repair and maintenance of farm machinery and implements											
Nursery Management of Horticulture crops	1	6	2	8	3		3	8	6	14	25
Training and pruning of orchards											
Value addition	2	5	13	18	2	6	8	10	14	24	50
Production of quality animal products											
Dairying											
Sheep and goat rearing											
Quail farming											
Piggery											
Rabbit farming											
Poultry production	3	15	8	23	5	5	10	32	10	42	75
Ornamental fisheries											
Training as Para vets											
Training as Para extension workers											
Composite fish culture	2	12	4	16	7	4	11	17	6	23	50
Freshwater prawn culture											
Fish harvest and processing technology											
Fry and fingerling rearing											
Small scale processing											
Post Harvest Technology	1		10	10		5	5		10	10	25
Tailoring and Stitching	1		12	12		3	3		10	10	25
Rural Crafts											
<b>TOTAL</b>	<b>17</b>	<b>84</b>	<b>83</b>	<b>167</b>	<b>23</b>	<b>25</b>	<b>48</b>	<b>106</b>	<b>104</b>	<b>210</b>	<b>425</b>
<b>(C) Extension Personnel</b>											
Productivity enhancement in field crops											
Integrated Pest Management	1	15		15	4		4	5	1	6	25
Integrated Nutrient management											
Rejuvenation of old orchards											
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	2		20	20		10	10		20	20	50
Low cost and nutrient efficient diet designing											
Production and use of organic inputs											
Gender mainstreaming through SHGs											
Any other (Pl. Specify)											
1. Post harvest management of some horticultural crops	1	15		15	4		4	5	1	6	25
2. Participatory monitoring and evaluation of projects	1	15		15	4		4	5	1	6	25
<b>TOTAL</b>	<b>5</b>	<b>45</b>	<b>20</b>	<b>65</b>	<b>12</b>	<b>10</b>	<b>22</b>	<b>15</b>	<b>23</b>	<b>38</b>	<b>125</b>

**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	
<b>(A) Farmers &amp; Farm Women</b>											
<b>I Crop Production</b>											
Weed Management											
Nutrient Management	6	40	21	61	10	5	15	44	30	74	150
Resource Conservation Technologies											
Cropping Systems	1	10	5	15				8	2	10	25
Crop Diversification											
Integrated Farming systems (Agril. Economics)	2	14	12	26				10	14	24	50
Water management											
Seed production											
Nursery management											
Integrated Crop Management	5	35	16	51				54	20	74	125
Fodder production											
Production of organic inputs											
<b>II Horticulture</b>											
<b>a) Vegetable Crops</b>											
Production of low volume and high value crops											
Off-season vegetables											
Nursery raising											
Exotic vegetables production	1	7	3	10				9	6	15	25
Production of export potential vegetables	2	19	12	31	3	0	3	13	3	16	50
Grading and standardization											
Protective cultivation (Green Houses, Shade Net etc.)											
<b>b) Fruits</b>											
Training											
Pruning											
Layout and Management of Orchards	1	6	4	10				10	5	15	25
Cultivation of Fruit crops	2	18	5	23	2	2	4	15	8	23	50
Management of young plants/orchards											
Rejuvenation of old orchards											
Cultivation of export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques	1	8	2	10	1	1	2	11	2	13	25

<b>c) Ornamental Plants</b>											
Nursery Management											
Management of potted plants											
Production of export potential ornamental plants											
Propagation techniques of Ornamental Plants											
<b>d) Plantation crops</b>											
Production and Management technology	1	6	4	10				13	2	15	25
Processing and value addition											
<b>e) Tuber crops</b>											
Production and Management technology	1	11	5	16				6	3	9	25
Processing and value addition											
<b>f) Spices</b>											
Production and Management technology	1	16	2	18				5	2	7	25
Processing and value addition											
<b>g) Medicinal and Aromatic Plants</b>											
Nursery management											
Production and management technology											
Post harvest technology and value addition											
<b>III Soil Health and Fertility Management</b>											
Soil fertility management											
Soil and Water Conservation											
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Production and use of organic inputs	1	12	6	18				5	2	7	25
Management of Problematic soils	1	18	2	20				5		5	25
Micro nutrient deficiency in crops											
Nutrient Use Efficiency	1	10	5	15				8	2	10	25
Soil and Water Testing	3	24	17	41				27	7	34	75
<b>IV Livestock Production and Management</b>											
Dairy Management	2	17	6	23	5	1	6	19	2	21	50
Poultry Management											
Piggery Management	3	20	3	23	5	0	5	35	12	47	75
Rabbit Management											
Disease Management	2	17	7	24	2	1	3	20	3	23	50
Feed management	1	10	5	15				10		10	25
Production of quality animal products											
<b>V Home Science/Women empowerment</b>											
Household food security by nutrition gardening	1		15	15					10	10	25
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		17	17					8	8	25
Storage loss minimization techniques	1		20	20					5	5	25
Value addition	1		9	9					16	16	25
Income generation activities for empowerment of rural Women	4		44	44		16	16		40	40	100
Location specific drudgery reduction technologies											
Rural Crafts											
Women and child care											
<b>VI Agricultural Engineering</b>											

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											
<b>VII Plant Protection</b>											
Integrated Pest Management	13	90	46	136	38	25	63	95	31	126	325
Disease Management	1	3	3	6	2	0	2	11	6	17	25
Bio-control of pests and diseases	1	5	2	7	5	1	6	10	2	12	25
Production of bio control agents and bio pesticides											
<b>VIII Fisheries</b>											
Integrated fish farming	1	9	3	12				7	6	13	25
Carp breeding and hatchery management											
Carp fry and fingerling rearing											
Composite fish culture											
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture											
Fish processing and value addition											
<b>IX Production of Inputs at site</b>											
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											
<b>X Capacity Building and Group Dynamics</b>											
Leadership development in villages	1	6	6	12				5	8	13	25
Managing Group dynamics	2	14	12	26				10	14	24	50
Formation and Management of SHGs (Agril. Economics)	2	10	16	26				6	18	24	50
Mobilization of social capital in villages											
Entrepreneurial development of farmers/youths (Agril. Economics)	2	16	8	24				8	18	26	50
WTO and IPR issues											
<b>XI Agro-forestry</b>											
Production technologies											
Nursery management											
Integrated Farming Systems											

<b>XII Others (Pl. Specify)</b>											
<b>TOTAL</b>	<b>73</b>	<b>522</b>	<b>356</b>	<b>878</b>	<b>73</b>	<b>52</b>	<b>125</b>	<b>501</b>	<b>321</b>	<b>822</b>	<b>1825</b>
<b>(B) RURAL YOUTH</b>											
Mushroom Production	4	24	24	48				20	32	52	100
Bee-keeping											
Integrated farming											
Seed production											
Production of organic inputs											
Integrated Farming	1	6	6	12				5	8	13	25
Planting material production											
Vermiculture	2	16	4	20	6	2	8	14	8	22	50
Sericulture											
Protected cultivation of vegetable crops											
Commercial fruit production											
Repair and maintenance of farm machinery and implements											
Nursery Management of Horticulture crops	1	6	2	8	3		3	8	6	14	25
Training and pruning of orchards											
Value addition	2	5	13	18	2	6	8	10	14	24	50
Production of quality animal products											
Dairying											
Sheep and goat rearing											
Quail farming											
Piggery											
Rabbit farming											
Poultry production	3	15	8	23	5	5	10	32	10	42	75
Ornamental fisheries											
Training as Para vets											
Training as Para extension workers											
Composite fish culture	2	12	4	16	7	4	11	17	6	23	50
Freshwater prawn culture											
Fish harvest and processing technology											
Fry and fingerling rearing											
Small scale processing											
Post Harvest Technology	1		10	10		5	5		10	10	25
Tailoring and Stitching	1		12	12		3	3		10	10	25
Rural Crafts											
<b>TOTAL</b>	<b>17</b>	<b>84</b>	<b>83</b>	<b>167</b>	<b>23</b>	<b>25</b>	<b>48</b>	<b>106</b>	<b>104</b>	<b>210</b>	<b>425</b>
<b>(C) Extension Personnel</b>											
Productivity enhancement in field crops											
Integrated Pest Management	1	15		15	4		4	5	1	6	25
Integrated Nutrient management											
Rejuvenation of old orchards											
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											



**PART – IV**

**(EXTENSION Activities AND PRODUCTION OF SEED AND PLANTING MATERIALS)**

**1. Proposed Extension Activities for the year 2010-11 (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	15	200	25	225	15	1	16	85	50	175	300	76	376
Kisan Mela													
Kisan Gosthi													
Exhibition													
Film Show													
Method Demonstrations	4	31	4	35	4	-	4	11	4	15	46	8	54
Diagnostic visits	10	25	5	30	15	10	25	15	10	25	55	25	80
Exposure visits	5												
Ex-trainees Sammelan	1	30	5	35	5	-	5	8	2	10	43	7	50
Soil health Camp													
Animal Health Camp	2	30	10	40	10	0	10	25	5	30	65	15	80
Agri mobile clinic													
Soil test campaigns	2	15	5	20	2	1	3	25	2	27	42	8	50
Farm Science Club Conveners meet													
Self Help Group Conveners meetings													
Mahila Mandals Conveners meetings													
Celebration of important days (specify)	3	50	10	60	4	1	5	15	5	20	69	16	85
Any Other (Specify)													
Radio talks	6												
Awareness programme	4	75	5	80	10		10	20		20	105	5	110
<b>Total</b>	<b>49</b>	<b>456</b>	<b>69</b>	<b>525</b>	<b>65</b>	<b>13</b>	<b>78</b>	<b>204</b>	<b>78</b>	<b>282</b>	<b>725</b>	<b>160</b>	<b>885</b>
<b>M=Male</b>	<b>F=Female</b>	<b>T=Total</b>											

**Proposed production and supply of Technological products**

**Seed materials: NA**

Sl. No.	Crop	Variety	Proposed Quantity (qtl.)	Value (Rs.)	To be provided to (No. of Farmers)
<b>Cereals</b>					
<b>Oilseeds</b>					
<b>Pulses</b>					
<b>Vegetables</b>					
<b>Flower Crops</b>					
<b>Others (Specify)</b>					

Planting materials: NA

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

Bioproducts : NA

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

Livestock: NA

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

Literature proposed to be developed/ published

Item	Title	Number
Research papers		
Technical reports		2
News letters		1
Technical bulletins		4
Popular articles		15
Extension literature		5
Others (Pl. specify)		
<b>Total</b>		<b>27</b>

**Details of Electronic Media proposed : NA**

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 : 15
- iii. No. of surveys/PRA to be conducted : 2

**Proposed activities of Soil and Water Testing Laboratory**

- Status of establishment of Lab** : NA
- 1. Year of establishment : NA
- 2. Details of samples to be analyzed : NA

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



**PART – V**  
**(LINKAGES WITH OUTSIDE ORGANIZATIONS)**

**5. Proposed Linkages**

**Functional linkage with different organizations**

Name of organization	Nature of linkage
1. Department of Agriculture, Dhemaji, Govt. of Assam	In planning and organizing training programme, demonstrations, field days, farmers-Scientist interaction, resource personnel for Zonal Workshop/ DLTC, District ATMA diagnostic survey, C-DAP preparation and in implementing various schemes.
2. Department of Animal Husbandry, Govt. of Assam	In planning and implementing training programme and also organizing rural camp for vaccination of farm animals.
3. Regional Agril. Research Station, AAU, North Lakhimpur	For planning and exhibition of on farm trials, trainings and conducting joint survey for identification of thrust areas for research.
4. District Fishery Deptt. Dhemaji, Govt. of Assam	In planning and organizing training programme
5. Rural Volunteer Centre (NGO), Akajan, Silapathar, Dhemaji	Selecting of sites and conducting FLD, OFT, implementing NAIP (AFPRO) programme.
6. Deptt. of Sericulture, Govt. of Assam	For conducting training and demonstration, C-DAP Report preparation
7. Deptt. of Social welfare, Dhemaji	For conducting training
8. All India Radio & Doordarshan Kendra, Dibrugarh	For coverage of rural programme and members of advisory committee meeting.
9. DRDA	For capacity building and infrastructure support to the SHGs
10. District Health Department	Collaborative programme on human health and nutrition through National Rural Health Mission.
11. Soil Conservation Department	Collaborative programme on plantation crops

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.)
NAIP, Component-3	April, 2009	NAIP, ICAR	

**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	As resource person

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

S. No.	Programme	Nature of linkage proposed
1	Training	As resource person

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

S. No.	Programme	Nature of linkage proposed
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**PART – VI  
(PERFORMANCE OF INFRASTRUCTURE)**

**6. Performance of infrastructure in KVK**

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

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

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

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								
Oilseeds								
Fibers								
Spices								
Plantation crops								
Floriculture								
Fruits								
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

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**PART – VII  
(SUMMARY)**

**7. Summary**

**Targets for 20011-12 for KVK, Dhemaji**

**On Farm Trials**

<b>Thematic areas</b>	<b>Cereals</b>	<b>Pulses/ oilseeds</b>	<b>Vegetables</b>	<b>Fruits</b>	<b>Total</b>
Varietal Evaluation	3		2		5
Integrated Nutrient Management		3			3
Integrated Pest Management		1	3		4
Biofertilisers					
Water Management					
Fisheries					
Animal Science					
Others (Integrated crop management)					
<b>Grand total</b>	<b>3</b>	<b>4</b>	<b>5</b>		<b>12</b>

**FLDs on oilseed and pulse crops**

<b>Name of KVK</b>	<b>Oilseeds</b>		<b>Pulses</b>	
	<b>Area (ha)</b>	<b>No. of farmers</b>	<b>Area (ha)</b>	<b>No. of farmers</b>
KVK, Dhemaji	8	40	8	40
<b>Total</b>	8	40	8	40

### Training programmes

Area	Farmers/ farm women		Rural youth		Extension personnel	
	Courses	Participants	Courses	Participants	Courses	Participants
Crop Production	12	300				
Horticulture	10	250	1	25	1	25
Plant Protection	15	375			1	25
Home Science	8	200	2	50	2	50
Animal Science	8	200	3	75		
Soil Science	10	250	2	50		
Agril Engineering						
Extension Education					1	25
Mushroom Cultivation			4	100		
Agro forestry						
Others						
Agril. Eco.	9	225	3	75		
Fishery	1	25	2	50		
<b>Total</b>	<b>73</b>	<b>1825</b>	<b>17</b>	<b>425</b>	<b>5</b>	<b>125</b>

### Extension Activities

Activity	Nos
Field days	15
Kisan Mela	
Exhibition	
Exposure visit	5
Extension literature	5
Scientist farmers' interaction	2
Ex-trainees meet	1
Advisory services	60
Newspaper coverage	15
TV show	1
Radio talk	6
Others- Impact study of FLDs conducted under the KVK	3
<b>Total</b>	<b>113</b>

**Seed Production: NA**

KVK	Quantity (qtl)			
	Cereals	Oilseeds	Pulses	Vegetables
KVK, Dhemaji				
<b>Total</b>				

**Planting Materials : NA**

KVK	Quantity (nos)			
	Fruits	Vegetable Seedlings	Tree Species	Ornamental Plants
KVK, Dhemaji				
<b>Total</b>				

Signature of Programme coordinator,  
KVK, Dhemaji