

ANNUAL ACTION PLAN : 2011-2012

KVK, CHIRANG

Guidelines for filling up the Proforma :

1. This Proforma can also be downloaded from the website www.icarzc3.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 conforming 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
Krishi Vigyan Kendra, Bongaigaon, PO: Kajalgaon – 783 385, Assam	03664 – 243775	03664 – 243775	kvkbngn@gmail.com

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

Complete postal address with Pin Code	Telephone	Fax	E-mail
Assam Agricultural University, Jorhat – 785 013 Assam	0376 – 2340001	0376 – 2340001	–

Name of the Programme Coordinator with Landline & Mobile No*

Name of PC	Contacts		
	Residence	Mobile	E-mail
Dr. S. K. Paul Krishi Vigyan Kendra, Bongaigaon P.O. : Kajalgaon, Dist.: Chirang, PIN – 783385	–	9435120552	kvkbngn@gmail.com

* = Mandatory and to be provided without fail

Year of sanction of KVK : 2004

Scientific Staff Position* (As on 28th February, 2011)

No.	Sanctioned posts	Name of the incumbent	Designation	Discipline	Date of joining	Permanent /Temporary
1	Programme Coordinator	Dr. S. K. Paul	Programme Co-ordinator	Plant Breeding	23.09.04	Permanent
2	Subject Matter Specialist	Dr. C. K. Sarma	Subject Matter Specialist	Agronomy	29.12.05	Permanent
3	Subject Matter Specialist	Dr. G. Moral	Subject Matter Specialist	Soil Science	25.11.08	Permanent
4	Subject Matter Specialist	Mr. A. Borah	Subject Matter Specialist	Horticulture	27.11.09	On probation
5	Subject Matter Specialist	Mr. S. Kalita	Subject Matter Specialist	Entomology	04.01.10	On probation
6	Subject Matter Specialist	Dr. H. K. Baruah	Subject Matter Specialist	Agril. Economics	07.11.08	On probation
7	Subject Matter Specialist	Dr. P. Devi	Subject Matter Specialist	Animal science	15.11.08	On probation
8	Programme Assistant	–	Programme Assistant	–	–	–
9	Computer Programmer	Ms. C. Nath	Programme Assistant (Computer)	Computer Application	12.11.08	On probation
10	Farm Manager	Ms. R. Brahma	Farm Manager	Agronomy	12.01.09	On probation
11	Accountant/Superintendent	Mr. D. D. Mahanta	Accountant	–	03.01.11	Contractual
12	Stenographer	Mr. M. Ghosh	Typist	–	22.02.06	Permanent
13	Driver	Mr. L. Brahma	–	–	–	Contractual
14	Driver	Mr. S. Boro	–	–	–	Contractual
15	Supporting staff	Mr. P. Ch. Roy	Supporting Staff	–	21.02.06	Permanent
16	Supporting staff	Mr. L. Murmu	Supporting Staff	–	20.02.06	Permanent

* = 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) : 12 Ha

No.	Item	Area (ha)
1	Under Buildings	Under construction
2	Under Demonstration Units	-
3	Under Crops	2.0
4	Orchard/Agro-forestry	2.0
5	Others	-

SAC meetings proposed for the year: 2011-12

No	Proposed Date/Month	Expected Participants	Salient Action Points
1	August, 2011	40	Identification of thrust areas
			Identification of need based trainings, OFTs, FLDs and other extension activities
			Collaborative activities with other depts., NGOs, FOs etc.
			Finalization of action plan

Details of district (2011-12)

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

No	Farming systems identified
1	Agriculture—Horticulture
2	Agriculture—Animal Husbandry
3	Agriculture--- Fishery
4	Agriculture—Horticulture-- Animal Husbandry
5	Agriculture—Horticulture—Fishery
6	Agriculture-- Sericulture

* = 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	Lower Brahmaputra Valley Zone	The soil of the zone is mostly acidic in nature and soil P ^H gradually increases towards the river Brahmaputra. The soil is medium to high in organic carbon and available N, low in available P ₂ O ₅ and medium in K ₂ O status. Four orders of soils are found in the zone (i) Entisol, (ii) Inceptisol, (iii) Alfisol and (iv) Ultisol.

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

No	Agro ecological situation	Characteristics
1	Foot hill old mountain valley alluvial plain	The northern part of the district comprising this situation contains old mountain valley alluvial soils (Alfisol & Ultisol). It is build up of alluvial materials washed down from the hill slops. The surface soil is light yellow to pale brown, compact, sticky and plastic. Generally, medium to heavy in soil texture. The elevation is higher towards foot hills which gradually slop towards south.
2	Flood prone recent riverine alluvial plain	Recent riverine alluvial (Entisol), sandy to sandy loam in soil texture. This situation is represented by an almost flat topography which often experiences flood hazard. Apart from some natural depressions, some riverine islands are also in existence.
3	Flood free riverine alluvial middle plain	Old riverine alluvial type (Inceptisol). The texture of the surface soils ranges from sandy loam to loam, silty clay loam, silty clay and clay. The topography is almost plain.

4	Char land	New alluvial plains, neutral in reaction, sandy-silty-clayee, sandy-silty and sandy in soil texture (Entisol). Chronically flood affected areas except the stable chars.
5	Hill and Hillock	Old alluvial type (Alfisol), sandy to sandy loam in texture and acidic in nature. The topography is undulating.
6	Beels	Entisols, usually peaty in nature and texturally these are silty and clay. Low lying waste land areas

Details of Operational area/Villages (2010-11)

No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Bijni	Borobazar	Pub Khamarpara	<p>Major crops are rice, lentil, rapeseed & mustard, areca nut, coconut, banana, vegetables, bamboo etc.</p> <p>Major enterprises are cropping, fishery, dairy, duckery, goatery, backyard poultry etc.</p>	<ul style="list-style-type: none"> -Soil acidity -Yield gap in paddy, pulses, oilseeds, fruits and vegetables -Low rate of seed replacement and poor adoption of HYVs -Poor fertility management -Rainfed farming -Un-organized marketing system -Low productivity of animals --Low production of fish per unit of water bodies. 	<ul style="list-style-type: none"> -Management of acid soil -Crop planning for rainfed area. -Commercial production of fruits and vegetables. -Increasing productivity of major field crops through improved crop management practices -Popularization of HYVs -Seed and planting material production -Adoption of INM and IPM technologies. -Live-stock management -Adoption of improved fish production technology. - Formation of SHGs and farmer's club
2	Sidli	Sidli	Pub Enkorbari	<p>Rice, rapeseed & mustard, sesame, black gram, buckwheat, kharif & rabi vegetables, banana etc. are important crops.</p> <p>Major enterprises included cropping, dairy, backyard poultry, goatery etc.</p>	<ul style="list-style-type: none"> -Soil acidity -Rain fed farming -Low rate of seed replacement - Yield gap in paddy, pulses, oilseeds, fruits and vegetables -Imbalance use of chemical fertilizer -Low productivity of animals 	<ul style="list-style-type: none"> -Acid soil management -Productivity enhancement in major field crops. - Popularization of HYVs - Seed and planting material production --Commercial production of fruits and vegetables. -Adoption of INM and IPM technologies. -Live-stock management -Formation of farm science club

3.	Boitamari	Boitamari	Kayethpara	<p>Rice, rapeseed & mustard, Kharif and Rabi Vegetables, horticultural crops.</p> <p>Major enterprises included cropping, dairy, backyard poultry, goatery etc.</p>	<p>-Yield gap in major field crops and vegetables</p> <p>-Low rate of seed replacement</p> <p>-Imbalance use of chemical fertilizer</p> <p>-Low productivity of animals</p> <p>- Inadequate post harvest handling of fruits and vegetables</p>	<p>-Productivity enhancement in major field crops</p> <p>- Popularization of HYVs</p> <p>- Seed and planting material production</p> <p>- Commercial production of fruits and vegetables.</p> <p>- INM and IPM technologies.</p> <p>-Live-stock management</p> <p>-Post harvest management of fruits and vegetables</p>
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Priority thrust areas (prioritized in sync with thrust areas identified and given above)

Rank	Thrust area
1	Reduction of yield gap in major field crops such as rice, oilseeds and pulses through introduction of improved varieties and improved crop management practices
2	Production of seed and planting material
3	Commercial production of fruits and vegetables
4	Breed up gradation and scientific livestock management
5	Soil fertility management through Integrated approach of Plant Nutrient supply system and balance fertilization
6	Integrated Pest management
7	Post harvest processing and value addition
8	Scientific pisciculture
9	Empowerment of women and reorientation of SHGs towards commodity based production & marketing system

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	Interventions (if any)					
				Title of OFT	Title of FLD	Title of Training	Title of training for extension personnel	Extension activities	Supply of seeds, planting materials
1	Reduction of yield gap in major field crops such as rice, oilseeds and pulses through introduction of improved varieties and improved crop management practices	Rice, oilseeds and pulses	Yield gap due poor adoption of improved package of practices	- Performance of integrated weed management in boro rice - Performance of perennial grass based cropping system	- Performance of HYV of toria “TS-36” with improved crop management - Improved crop management practices in sesame - Improved crop management practices in Blackgram - Improved production technology of fodder crops	- Integrated approaches of crop management in rice for sustainable production - Irrigation management in major rabi field crops - Integrated weed management in field crops	- Integrated weed management in field crops	i)) Publication of bulletins ii) Field day iii) Diagnostic & clinical services iv) Farmers-Scientist interaction v) Advisory services vi) Radio talk vii)) Popular articles	Seeds, Fertilizers, Pesticides etc.
2	Production of seed and planting material	Rice, Toria	-Low rate of seed replacement and poor adoption of HYVs	–	- Seed production technology in winter rice & toria	-Seed production technology in major field crops.	- Seed production technology in major field crops	i) Publication of bulletins ii) Method demonstrations iii) Advisory services iv) Radio talk	Seeds, Fertilizers, Pesticides etc.

3	Commercial production of fruits and vegetables	Banana, Citrus, Pineapple, Tomato, Potato, Brinjal, Chilli, Cole crops	Low adoption of scientific methods of cultivation	-High density cultivation of banana - Economic viability of denavelling and post shooting feeding of NPK and S in banana - Cultivation of banana from bulbous rhizome	-Improved cultivation technology of water melon -TPS cultivation technology	-Commercial production of banana, citrus and pineapple - TPS cultivation - Nursery raising technology in vegetables - Plant propagation technique in fruit crops	- Protective cultivation technology	i) Publication of bulletins ii) Field day iii) Diagnostic & clinical services iv) Farmers-Scientist interaction v) Advisory services vi) Radio talk vii) Popular articles	Seeds, Planting material, Fertilizers, Pesticides etc.
4	Breed up gradation and scientific livestock management	Dairy, Poultry, Goatery, duckery.	-Low productivity due poor adoption of scientific management practices	- Scientific feeding in goat (On going) - Rearing of upgraded goat (On going) - Rearing of improved dual purpose chicken	- Scientific rearing of "Chara chambelli" duck (On going)	-Scientific dairy management - Goatery management - Scientific feed management in livestock	- Scientific diary management	i) Publication of bulletins ii) Exposure visit iii) Diagnostic & clinical services iv) Farmers-Scientist interaction v) Advisory services vi) Radio talk vii) Popular articles	Upgraded breed
5	Soil fertility management through Integrated Plant Nutrient supply system and balance fertilization	Cropping	-Injudicious use of chemical fertilizer	- Integrated nutrient management in Sali rice - Potassium management in lentil - Integrated nutrient management in toria	- Integrated nutrient management in lentil	-Vermi-composting -Integrated nutrient management in rice -Scientific compost making - Soil and water testing -Nutrient management for sustainable crop production - Soil and moisture conservation practices	- Acid soil management - Soil health management - Soil and moisture conservation practices	i) Publication of bulletins on IPNS ii) Publication of popular articles iii) Radio talk iv). Field Day	Seed, fertilizers, pesticides

6	Integrated Pest management	Rice, oilseeds, pulse and vegetables	-Injudicious use of chemical pesticides	- Adoption of integrated pest management module in Sali rice - Management of bacterial wilt in brinjal	- IPM module for brinjal shoot and fruit borer	-Integrated pest and disease management in rice -Integrated pest and disease management in oilseeds and pulses - Biological control of insect pest and diseases	- Integrated pest management in field crops	i) Field Day ii) Publication of bulletin iii) Radio talk iv) Diagnostic & clinical services v). Advisory service	Seed, Fertilizers, Pesticides etc.
7	Post harvest processing, value addition and marketing	Fruits and vegetables	Inadequate post harvest handling, value addition and lack of knowledge on agricultural marketing	–	–	- Post harvest processing and value addition in horticultural produce	–) Publication of bulletins ii) Method demonstrations	–
8	Scientific pisciculture	Fish production	Low productivity of fish per unit area	–	–	-Composite fish culture	–	–	–
9	Empowerment of women and reorientation of SHGs towards commodity based production & marketing system		Lack of commodity based production and marketing system	–	–	- Formation and management of SHGs for economic development - Marketing of agril. produce - Income generation activities through women empowerment - Entrepreneurial development of farmers / youths - Leadership development	–	i) Creating awareness on facilities available for marketing information system ii)Formation of CIGs and FOs for organized marketing	–

						<ul style="list-style-type: none"> - Information networking among farmers - Mushroom production as a source of livelihood - Beekeeping for income generation - Seed production technology - Scientific pig rearing - Backyard poultry management 			
10	Crop planning	All crops	Poor resource utilization	–	–	<ul style="list-style-type: none"> - Crop diversification for food and nutritional security 	<ul style="list-style-type: none"> - Crop planning for flood affected areas - Crop diversification 	<ul style="list-style-type: none"> i) Advisory services ii) Radio talk iii) Popular article 	–

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 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
Summer Rice	Irrigated	High cost of manual weeding	Performance of Integrated Weed management in boro rice	A	3
Sali rice	Rainfed	Heavy use of chemical fertilizer	Integrated nutrient management in Sali rice	A	3
Lentil	Rainfed	Low soil potassium status	Potassium management in lentil	A	3
Toria	Irrigated	Injudicious use of chemical fertilizer	Integrated nutrient management in toria	A	3
Sali Rice	Rainfed	Injudicious use of chemical pesticides	Adoption of integrated pest management module in Sali rice	A	3
Brinjal	Irrigated	Occurrence of bacterial wilt	Management of bacterial wilt in brinjal	A	3
Banana	Irrigated	Poor resource utilization	High density cultivation of banana	A	3
Banana	Irrigated	Poor bunch size and small fingers due to mobilization of nutrients into the unwanted rink of banana plant	Economic viability of De-navelling and post shooting feeding of NPK and Sulphur in banana	A	3
Banana	Irrigated	Regulation of flowering and fruiting to fetch good market price	Cultivation of banana from bulbous rhizome	A	3
Poultry	Breed evaluative	Low productivity of backyard poultry	Rearing of improved dual purpose chicken	A	3
Fodder crop	Rainfed	Poor supply of quality fodder	Performance of perennial grass based cropping system	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	8	9	10
PE application of Butachlor 1 kg /ha followed by use of rotary paddy weeder at 40 DAT	2006	Y	NA	Grain yield, Weed count
RDF + use of biofertilizer + FYM	Under pipeline	Y	NA	Grain yield, effective tillers, grains per panicle
Application of 15 kg N, 35 kg P2O5 and 15kg K20	Under pipeline	Y	NA	Grain yield, pest and disease infestation record
Application of 45: 25: 22.5 kg N:P:K per hectare and Azotobacter	Under pipeline	Y	NA	Grain yield, pest and disease infestation record

and PSB					
Seed treatment, nursery management, root dip treatment, ITK & management in main field	NA		Y	NA	Grain yield, pest and disease infestation record
Seed, seedlings and soil treatment with Biofor-PF	Under pipe line		Y	NA	Disease incidence % at time interval, crop yield
Plant population : 6250 plants/ha Spacing:1.0 m x1.2m x 2.0 m	2004		Y	NA	Total no. of hands and fingers, Bunch weight, yield
Removal of male flower and use of urea, sulphate of potash and cow dung	2007		Y	NA	Total no. of hands and fingers, Bunch weight, yield
Different size of rhizomes (500 g, 750 g and 1000 g)	2005		Y	NA	Total no. of hands and fingers, Bunch weight, yield
Breed: Vanaraja	NA		Y	NA	Body weight, disease occurrence
Year round supply of green fodder (Perennial crop + inter crops)	NA		Y	NA	Green fodder yield

* 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	Crop/ Enterprise	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	Water melon	Crop management	Improved crop management practices	Organizing training programme	2	20	20
				Interaction with farmers			
				Advisory services			
				Farmer's field visit			
2	Rice	Crop management	Improved crop management practices in summer rice	Organizing training programme	10	350	150
				Interaction with farmers			
				Providing information about the source of seed			
				Farmer's field visit			
				Advisory services			
				Distribution of bulletins			

3	Torja	Crop management	Improved production technology of Torja (TS-36)	Farmer's field visit	5	45	25
				Advisory services			
				Organizing training programme			
				Interaction with farmers			
				Distribution of bulletins			
				Providing information about the source of seed			
4.	Blackgram	Crop management	Improved crop management practices	Farmer's field visit	3	10	10
				Advisory services			
				Interaction with farmers			
				Distribution of bulletins			
				Information on source of seed			
5.	Lentil	Nutrient management	Integrated nutrient management in lentil	Farmer's field visit	4	30	10
				Advisory services			
				Organizing training programme			
				Interaction with farmers			
				Distribution of bulletins			
				Providing information about the source of seed			

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.)

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

FLDs are conducted only on proven technologies.

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

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

Examples: Same as in case of OFTs

A. CEREAL CROPS

No	Crop	Thematic area	Technology 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	Rice	Crop management	Seed production technology in winter rice	Winter, 2011-12	N	Seed replacement rate of the district is very low and seed production technology of rice is not yet popularized in the farmers field.	2.0	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	Toria	Crop management	Performance of HYV of toria "TS-36" with improved crop management	Rabi, 2011-12	N	TS-36 is a recommended variety for all agro climatic zones of Assam. Improved crop management practices and HYVs are not yet popularized in the farmer's field	5.0	4	6	10
2	Sesame	Crop management	Improved crop management practices	Kharif, 2011	N	Sesame is the most popular kharif oilseed crop in the district, however, Improved crop management practices are not yet popularized in the farmers field.	5.0	3	7	10

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	Lentil	Nutrient management	INM practices in lentil	Rabi, 2011-12	N	Integrated nutrient management practices are not yet popularized, therefore, recommended INM practices will be demonstrated	5.0	3	7	10
2.	Blackgram	Crop management	Improved crop management practices	Kharif, 2011	N	Blackgram is the most important kharif pulse crop of the district, however, Improved crop management practices are not yet popularized in the farmers field.	5.0	4	6	10

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	Potato	Crop management	TPS cultivation	Rabi, 2010-11	N	TPS technology is not popular among the farmers and so, only recommended practices will be demonstrated	0.4	1	3	4
2	Water melon	Crop management	Improved cultivation technology of water melon	Rabi, 2010-11	N	Water melon is an important crop, however, recommended technologies are not yet popularized in the farmer's field	2.0	2	6	8
3.	Brinjal	Integrated pest management	IPM module for brinjal shoot and fruit borer	Rabi, 2011-12	N	There has been recommendation of IPM practices in Brinjal, however, this technology is not yet demonstrated in the farmers field	0.4	2	4	6

E. OTHERS

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	Fodder crop	Crop management	Improved production technology of fodder crop	Kharif, 2011	N	Fodder production technology is yet to be popularized in the district.	0.20	1	2	3

Extension and Training activities proposed under FLD

No	Activity	No. of Activities	Tentative Date	Number of participants	Remarks
1	Training	3	June 3, 2011	25	Seed production technology in rice
			July 14, 2011	25	Improved crop management practices of Kharif field crops
			Oct. 8, 2011	25	Integrated crop management practices in Rabi field crops
2	Field day	3	Nov 7, 2011	30	Under Kharif oilseed programme
			Nov. 22, 2011	30	Under Kharif pulse programme
			Feb. 18, 2012	30	Under Rabi oilseed programme
			Feb. 21, 2012	30	Under Rabi pulse programme
			Mar. 17, 2012	30	Under FLD on water melon
3	Extension bulletin	4	–	–	

(i) Farm Implements : NIL

(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		
Livestock	Scientific rearing of "Chara chambelli" duck	3	30	Monthly wt. gain, egg production, disease incidence	NA	NA	NA	Ongoing

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

(iii) Other Enterprises : NIL

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	
(A) Farmers & Farm Women											
I Crop Production											
Weed Management	1	12	6	18	2	1	3	3	1	4	25
Nutrient Management											
Resource Conservation Technologies											
Cropping Systems											
Crop Diversification											
Integrated Farming systems											
Water management	1	12	6	18	2	1	3	3	1	4	25
Seed production	2	24	12	36	4	2	6	6	2	8	50
Nursery management											
Integrated Crop Management	2	24	12	36	4	2	6	6	2	8	50
Fodder production											
Production of organic inputs											
Crop planning	1	12	6	18	2	1	3	3	1	4	25
II Horticulture											
a) Vegetable Crops											
Production of low volume and high value crops											
Off-season vegetables											
Nursery raising	1	12	6	18	2	1	3	3	1	4	25
Exotic vegetables production											
Production of export potential vegetables											
Grading and standardization											
Protective cultivation (Green Houses, Shade Net etc.)											

b) Fruits											
Training											
Pruning											
Layout and Management of Orchards											
Cultivation of Fruit crops	1	12	6	18	2	1	3	3	1	4	25
Management of young plants/orchards											
Rejuvenation of old orchards											
Cultivation of export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques	1	12	6	18	2	1	3	3	1	4	25
c) Ornamental Plants											
Nursery Management											
Management of potted plants											
Production of export potential ornamental plants											
Propagation techniques of Ornamental Plants											
d) Plantation crops											
Bamboo cultivation											
Processing and value addition											
e) Tuber crops											
Production and Management technology	1	12	6	18	2	1	3	3	1	4	25
Processing and value addition											
f) Spices											
Production and Management technology											
Processing and value addition											
g) Medicinal and Aromatic Plants											
Nursery management											
Production and management technology											
Post harvest technology and value addition											
III Soil Health and Fertility Management											
Soil fertility management	1	12	3	15	5	2	7	2	1	3	25
Soil and Water Conservation	1	12	6	18	2	1	3	3	1	4	25
Integrated Nutrient Management	1	12	3	15	5	2	7	2	1	3	25
Production and use of organic inputs	1	12	3	15	5	2	7	2	1	3	25
Management of Problematic soils (Acid soils)	1	12	6	18	2	1	3	3	1	4	25
Micro nutrient deficiency in crops											
Nutrient Use Efficiency											
Soil and Water Testing	1	15	0	15	6	0	6	4	0	4	25

IV Livestock Production and Management											
Dairy Management	1	12	6	18	2	1	3	3	1	4	25
Poultry Management											
Piggery Management											
Rabbit Management											
Disease Management	1	12	6	18	2	1	3	3	1	4	25
Feed management	1	12	6	18	2	1	3	3	1	4	25
Goatery management	2	24	12	36	4	2	6	6	2	8	50
Production of quality animal products											
V Home Science/Women empowerment											
Household food security by nutrition gardening											
Design and development of low/minimum cost diet											
Designing and development for high nutrient efficiency diet											
Minimization of nutrient loss in processing											
Gender mainstreaming through SHGs											
Storage loss minimization techniques											
Value addition											
Income generation activities for empowerment of rural Women											
Location specific drudgery reduction technologies											
Rural Crafts											
Women and child care											
VI Agricultural Engineering											
Installation and maintenance of micro irrigation systems											
Use of Plastics in farming practices											
Production of small tools and implements											
Repair and maintenance of farm machinery and implements											
Small scale processing and value addition											
Post Harvest Technologies											
VII Plant Protection											
Integrated Pest Management	3	36	18	54	6	3	9	9	3	12	75
Disease Management	1	12	6	18	2	1	3	3	1	4	25
Bio-control of pests and diseases	1	12	6	18	2	1	3	3	1	4	25
Production of bio control agents and bio pesticides											

VIII Fisheries											
Integrated fish farming											
Carp breeding and hatchery management											
Carp fry and fingerling rearing											
Composite fish culture											
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture											
Fish processing and value addition											
IX Production of Inputs at site											
Seed Production											
Planting material production											
Bio-agents production											
Bio-pesticides production											
Bio-fertilizer production											
Vermicompost production											
Other Organic manures production											
Production of fry and fingerlings											
Production of Bee-colonies and wax sheets											
Small tools and implements											
Production of livestock feed and fodder											
Production of Fish feed											
X Capacity Building and Group Dynamics											
Leadership development in villages											
Managing Group dynamics											
Formation and Management of SHGs											
Mobilization of social capital in villages											
Entrepreneurial development of farmers/youths	2	24	12	36	4	2	6	6	2	8	50
WTO and IPR issues											
XI Agro-forestry											
Production technologies											
Nursery management											
Integrated Farming Systems											

XII Others (Pl. Specify)											
Marketing of Agril. produce	1	12	6	18	2	1	3	3	1	4	25
Maintenance of farm record and accounts	1	12	6	18	2	1	3	3	1	4	25
Information networking among farmers	1	12	6	18	2	1	3	3	1	4	25
TOTAL	32	387	177	564	77	34	111	94	31	125	800
(B) RURAL YOUTH											
Mushroom Production	1	16	2	18	2	1	3	3	1	4	25
Bee-keeping	1	15	0	15	5	0	5	5	0	5	25
Integrated farming											
Seed production	1	12	6	18	2	1	3	3	1	4	25
Fodder production	1	15	0	15	5	0	5	5	0	5	25
Production of organic inputs	1	12	3	15	5	2	7	2	1	3	25
Integrated Farming											
Planting material production											
Vermiculture											
Sericulture	1	12	6	18	2	1	3	3	1	4	25
Protected cultivation of vegetable crops											
Commercial fruit production	1	15	0	15	5	0	5	5	0	5	25
Repair and maintenance of farm machinery and implements											
Nursery Management of Horticulture crops											
Training and pruning of orchards											
Post harvest management and value addition	2	0	30	30	0	10	10	0	10	10	50
Production of quality animal products											
Dairying	1	12	6	18	2	1	3	3	1	4	25
Sheep and goat rearing											
Quail farming											
Piggery	2	24	12	36	4	2	6	6	2	8	50
Rabbit farming											
Poultry production	1	12	6	18	2	1	3	3	1	4	25
Ornamental fisheries											
Training as Para vets											
Training as Para extension workers											
Composite fish culture	1	12	6	18	2	1	3	3	1	4	25
Freshwater prawn culture											
Fish harvest and processing technology											

Fry and fingerling rearing											
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching											
Gender mainstreaming through SHGs	1	12	6	18	2	1	3	3	1	4	25
Income generation activities through woman empowerment	1	12	6	18	2	1	3	3	1	4	25
Leadership development	1	12	6	18	2	1	3	3	1	4	25
Formation and management of SHGs	1	12	6	18	2	1	3	3	1	4	25
Nursery raising	1	12	6	18	2	1	3	3	1	4	25
Rural Crafts											
TOTAL	19	217	107	324	46	25	71	56	24	80	475
(C) Extension Personnel											
Productivity enhancement in field crops											
Integrated Pest Management	2	30	0	30	12	0	12	8	0	8	50
Integrated Nutrient management											
Rejuvenation of old orchards											
Protected cultivation technology	1	15	0	15	5	0	5	5	0	5	25
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/ First aid											
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)	1	12	6	18	2	1	3	3	1	4	25
Crop planning											
Crop diversification	1	15	0	15	5	0	5	5	0	5	25
Weed management	1	12	6	18	2	1	3	3	1	4	25
Seed production	1	15	0	15	5	0	5	5	0	5	25

Soil and water conservation	1	15	0	15	5	0	5	5	0	5	25
Soil health management	1	15	0	15	5	0	5	5	0	5	25
Management of acid soil	1	15	0	15	5	0	5	5	0	5	25
Diary management	1	15	0	15	5	0	5	5	0	5	25
TOTAL	11	159	12	171	51	2	53	49	2	51	275

Consolidated table (On + Off + Sponsored + Vocational)

Thematic area	Courses (No)	No. of participants									Grand Total
		Others			SC			ST			
		Male	Female	Total	Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women											
I Crop Production											
Weed Management	1	12	6	18	2	1	3	3	1	4	25
Nutrient Management											
Resource Conservation Technologies											
Cropping Systems											
Crop Diversification											
Integrated Farming systems											
Water management	1	12	6	18	2	1	3	3	1	4	25
Seed production	2	24	12	36	4	2	6	6	2	8	50
Nursery management											
Integrated Crop Management	2	24	12	36	4	2	6	6	2	8	50
Fodder production											
Production of organic inputs											
Crop planning	1	12	6	18	2	1	3	3	1	4	25
II Horticulture											
a) Vegetable Crops											
Production of low volume and high value crops											
Off-season vegetables											
Nursery raising	1	12	6	18	2	1	3	3	1	4	25
Exotic vegetables production											
Production of export potential vegetables											
Grading and standardization											
Protective cultivation (Green Houses, Shade Net etc.)											
b) Fruits											

Training											
Pruning											
Layout and Management of Orchards											
Cultivation of Fruit crops	1	12	6	18	2	1	3	3	1	4	25
Management of young plants/orchards											
Rejuvenation of old orchards											
Cultivation of export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques	1	12	6	18	2	1	3	3	1	4	25
c) Ornamental Plants											
Nursery Management											
Management of potted plants											
Production of export potential ornamental plants											
Propagation techniques of Ornamental Plants											
d) Plantation crops											
Bamboo cultivation											
Processing and value addition											
e) Tuber crops											
Production and Management technology	1	12	6	18	2	1	3	3	1	4	25
Processing and value addition											
f) Spices											
Production and Management technology											
Processing and value addition											
g) Medicinal and Aromatic Plants											
Nursery management											
Production and management technology											
Post harvest technology and value addition											
III Soil Health and Fertility Management											
Soil fertility management	1	12	3	15	5	2	7	2	1	3	25
Soil and Water Conservation	1	12	6	18	2	1	3	3	1	4	25
Integrated Nutrient Management	1	12	3	15	5	2	7	2	1	3	25
Production and use of organic inputs	1	12	3	15	5	2	7	2	1	3	25
Management of Problematic soils (Acid soils)	1	12	6	18	2	1	3	3	1	4	25
Micro nutrient deficiency in crops											
Nutrient Use Efficiency											
Soil and Water Testing	1	15	0	15	6	0	6	4	0	4	25
IV Livestock Production and Management											

Dairy Management	1	12	6	18	2	1	3	3	1	4	25
Poultry Management											
Piggery Management											
Rabbit Management											
Disease Management	1	12	6	18	2	1	3	3	1	4	25
Feed management	1	12	6	18	2	1	3	3	1	4	25
Goatery management	2	24	12	36	4	2	6	6	2	8	50
Production of quality animal products											
V Home Science/Women empowerment											
Household food security by nutrition gardening											
Design and development of low/minimum cost diet											
Designing and development for high nutrient efficiency diet											
Minimization of nutrient loss in processing											
Gender mainstreaming through SHGs											
Storage loss minimization techniques											
Value addition											
Income generation activities for empowerment of rural Women											
Location specific drudgery reduction technologies											
Rural Crafts											
Women and child care											
VI Agricultural Engineering											
Installation and maintenance of micro irrigation systems											
Use of Plastics in farming practices											
Production of small tools and implements											
Repair and maintenance of farm machinery and implements											
Small scale processing and value addition											
Post Harvest Technologies											
VII Plant Protection											
Integrated Pest Management	4	60	30	90	10	5	15	15	7	28	125
Disease Management	1	12	6	18	2	1	3	3	1	4	25
Bio-control of pests and diseases	1	12	6	18	2	1	3	3	1	4	25
Production of bio control agents and bio pesticides											
VIII Fisheries											
Integrated fish farming											

Carp breeding and hatchery management												
Carp fry and fingerling rearing												
Composite fish culture												
Hatchery management and culture of freshwater prawn												
Breeding and culture of ornamental fishes												
Portable plastic carp hatchery												
Pen culture of fish and prawn												
Shrimp farming												
Edible oyster farming												
Pearl culture												
Fish processing and value addition												
IX Production of Inputs at site												
Seed Production												
Planting material production												
Bio-agents production												
Bio-pesticides production												
Bio-fertilizer production												
Vermicompost production												
Other Organic manures production												
Production of fry and fingerlings												
Production of Bee-colonies and wax sheets												
Small tools and implements												
Production of livestock feed and fodder												
Production of Fish feed												
X Capacity Building and Group Dynamics												
Leadership development in villages												
Managing Group dynamics												
Formation and Management of SHGs												
Mobilization of social capital in villages												
Entrepreneurial development of farmers/youths	2	24	12	36	4	2	6	6	2	8	50	
WTO and IPR issues												
XI Agro-forestry												
Production technologies												
Nursery management												
Integrated Farming Systems												
XII Others (Pl. Specify)												
Marketing of Agril. produce	1	12	6	18	2	1	3	3	1	4	25	

Maintenance of farm record and accounts	1	12	6	18	2	1	3	3	1	4	25
Information networking among farmers	1	12	6	18	2	1	3	3	1	4	25
TOTAL	33	411	189	600	81	36	117	100	35	141	850
(B) RURAL YOUTH											
Mushroom Production	1	16	2	18	2	1	3	3	1	4	25
Bee-keeping	1	15	0	15	5	0	5	5	0	5	25
Integrated farming											
Seed production	2	30	13	43	2	1	3	3	1	4	50
Fodder production	1	15	0	15	5	0	5	5	0	5	25
Production of organic inputs	1	12	3	15	5	2	7	2	1	3	25
Integrated Farming											
Planting material production											
Vermiculture											
Sericulture	1	12	6	18	2	1	3	3	1	4	25
Protected cultivation of vegetable crops											
Commercial fruit production	1	15	0	15	5	0	5	5	0	5	25
Repair and maintenance of farm machinery and implements											
Nursery Management of Horticulture crops											
Training and pruning of orchards											
Post harvest management and value addition	3	0	55	30	0	10	10	0	10	10	75
Production of quality animal products											
Dairying	1	12	6	18	2	1	3	3	1	4	25
Sheep and goat rearing											
Quail farming											
Piggery	2	24	12	36	4	2	6	6	2	8	50
Rabbit farming											
Poultry production	1	12	6	18	2	1	3	3	1	4	25
Ornamental fisheries											
Training as Para vets											
Training as Para extension workers											
Composite fish culture	1	12	6	18	2	1	3	3	1	4	25
Tailoring and Stitching											
Gender mainstreaming through SHGs	1	12	6	18	2	1	3	3	1	4	25
Income generation activities through woman empowerment	1	12	6	18	2	1	3	3	1	4	25
Leadership development	1	12	6	18	2	1	3	3	1	4	25

Formation and management of SHGs	1	12	6	18	2	1	3	3	1	4	25
Nursery raising	1	12	6	18	2	1	3	3	1	4	25
Rural Crafts											
TOTAL	21	235	139	324	46	25	71	56	24	80	525
(C) Extension Personnel											
Productivity enhancement in field crops											
Integrated Pest Management	2	30	0	30	12	0	12	8	0	8	50
Integrated Nutrient management											
Rejuvenation of old orchards											
Protected cultivation technology	1	15	0	15	5	0	5	5	0	5	25
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/ First aid											
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)	1	12	6	18	2	1	3	3	1	4	25
Crop planning											
Crop diversification	1	15	0	15	5	0	5	5	0	5	25
Weed management	1	12	6	18	2	1	3	3	1	4	25
Seed production	1	15	0	15	5	0	5	5	0	5	25
Soil and water conservation	1	15	0	15	5	0	5	5	0	5	25
Soil health management	1	15	0	15	5	0	5	5	0	5	25
Management of acid soil	1	15	0	15	5	0	5	5	0	5	25
Diary management	1	15	0	15	5	0	5	5	0	5	25
TOTAL	11	159	12	171	51	2	53	49	2	51	275

Vocational training programmes for Rural Youth

Crop/Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants		
				Male	Female	Total
Agro processing and value addition	Preservation of locally available fruits and vegetables	Preparation of Jam , Jelly, Prickle , Sauce and Squash	2	–	25	25
Seed production	Supply of quality seed	Seed production technique of major field crops	2	18	7	25

*Training title should specify the major technology /skill transferred

Sponsored Training Programmes

No	Title	Thematic area	Month	Duration (days)	Client PF/R/EF	No. of courses	No. of Participants										Sponsoring Agency
							Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1	Awareness cum training pogramme on Integrated Pest Management	Integrated pest management	Septemb er	1	PF	1	24	4	6	12	2	2	36	6	8	50	ATMA, BONGAIGA ON
Total			–	1	-	1	24	4	6	12	2	2	36	6	8	50	

PART – IV

(EXTENSION ACTIVITIES AND PRODUCTION OF SEED AND PLANTING MATERIALS)

4. Proposed Extension Activities for the year 2011-12 (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	5	75	15	90	10	0	10	40	10	50	125	25	150
Kisan Mela	-	-	-	-	-	-	-	-	-	-	-	-	-
Kisan Gosthi	-	-	-	-	-	-	-	-	-	-	-	-	-
Exhibition	1	-	-	-	-	-	-	-	-	-	-	-	-
Film Show	-	-	-	-	-	-	-	-	-	-	-	-	-
Method Demonstrations	5	50	25	75	10	-	10	40	25	65	100	50	150
Farmers Seminar	-	-	-	-	-	-	-	-	-	-	-	-	-
Workshop	-	-	-	-	-	-	-	-	-	-	-	-	-
Group meetings	-	-	-	-	-	-	-	-	-	-	-	-	-
Lectures delivered as resource persons	10	-	-	-	-	-	-	-	-	-	-	-	-
Newspaper coverage	10	-	-	-	-	-	-	-	-	-	-	-	-
Radio talks	12	-	-	-	-	-	-	-	-	-	-	-	-
TV talks	-	-	-	-	-	-	-	-	-	-	-	-	-
Popular articles	20	-	-	-	-	-	-	-	-	-	-	-	-
Extension Literature	12	-	-	-	-	-	-	-	-	-	-	-	-
Advisory Services	20	-	-	-	-	-	-	-	-	-	-	-	-
Scientific visit to farmers field	45	-	-	-	-	-	-	-	-	-	-	-	-
Farmers visit to KVK	175	100	75	175	-	-	-	-	-	-	-	-	175
Diagnostic visits	5	-	-	-	-	-	-	-	-	-	-	-	-
Exposure visits	1	10	5	15	-	-	-	10	5	15	20	10	30
Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil health Camp	1	12	5	17	2	1	3	5	0	5	19	6	25
Animal Health Camp	-	-	-	-	-	-	-	-	-	-	-	-	-
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	-	-	-	-	-	-	-	-	-	-	-	-	-
Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-	-	-	-
Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-	-	-	-
Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-	-	-
Celebration of important days (World Environment Day)	1	12	5	17	2	1	3	4	1	5	18	7	25
Any Other (Farmers scientist interaction)	1	20	10	30	3	2	5	15	10	25	38	22	60
Total	324	279	140	419	27	4	31	114	51	165	320	120	615
M=Male		F=Female		T=Total									

PROPOSED PRODUCTION AND SUPPLY OF TECHNOLOGICAL PRODUCTS

Seed materials

Sl. No.	Crop	Variety	Proposed Quantity (qtl.)	Value (Rs.)	To be provided to (No. of Farmers)
Cereals					
1. Seed production under Technology Showcasing	Rice	Kanaklata/Joymati	2000	30,00,000.00	500
2. Seed production under Mega Seed Project	Rice	Ranjit	100	1,50,000.00	200
Oilseeds					
1.					
Pulses					
1.					
Vegetables					
Flower Crops					
Others (Specify)					
1.	Buckwheat	Local	6.0	24,000.00	20

Planting materials

Sl. No.	Crop	Variety	Quantity (Nos.)	Value (Rs.)	To be provided to (No. of Farmers)
Fruits					
1. (in the farmers field)	Banana	Malbhog	1000	5000.00	50
Spices					
Vegetables					
Forest Species					
Ornamental Crops					
Plantation Crops					
Others (specify)					
1.	Asparagus		200	4000	100

Bio-products : NA

Livestock : NA (To be started immediately after completion of administrative building)

Literature proposed to be developed/ published

Item	Title	Number
Research papers		2
Technical reports	FLD reports	4
	Annual report	1
	Annual Action Plan	1
	ZREAC Report	1
News letters	KVK News letter	1
Technical bulletins	Scientific pig production for employment generation	1
Popular article	Titles to be finalized	20
Extension literature	Titles to be finalized	12
Others (Pl. specify)	–	
Total		43

Details of Electronic Media proposed : NIL

Sl. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Proposed title of the programme	Number
1			

Field activities proposed

i. Number of villages to be adopted	3
ii. No. of farm families to be selected	30
iii. No. of surveys/PRA to be conducted	2

Proposed activities of Soil and Water Testing Laboratory : NA (As Soil and Water Testing Laboratory is not yet established) Status of establishment of Lab

PART – V
(LINKAGES WITH OUTSIDE ORGANISATIONS)

5. Proposed Linkages
Functional linkage with different organizations

Name of organization	Nature of linkage
1. State Department of Agriculture, Veterinary Science, Fishery, and Sericulture etc. of Bongaigaon and Chirang district.	Identification of training needs and target group for various extension activities.
	Involvement in various state extension activities like Technology Mission, NFSM, District
	Level Implementation and Monitoring etc.
	Planning and implementation of ATMA
	Exchange of resource persons in various training programmes
2. Civil Administration, DRDA, SIRD, Block Development Offices, Banks of Bongaigaon and Chirang district.	Participation in departmental programmes.
	Formation and functioning of SHGs, NGOs etc.
	Entrepreneurship development
	Participation in NREGA
3. Farmer's Organizations like Field Management Committee, All Bodoland Farmer's Association (DuBAA), etc.	Identification of need based training courses and beneficiaries for various extension activities
	Organizing training programmes
	Entrepreneurship development
4. Non Govt. Organizations like DISHA, Basugaon, Discovery Club, Bongaigaon, ICDP, Tukrajhar etc.	Identification of training courses and target groups
	Organizing training programmes
	Participation as resource person in collaborative programmes
6. Research Stations and KVKs of Assam Agricultural University	Participation in ZREAC meeting
	Invitation of resource persons
	Supply of seed materials for FLD and OFT programmes
7. All India Radio, Kokrajhar	Publicity
	Radio talk

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.)
Technology Showcasing and Seed Production Programme	November, 2010	Assam Agricultural University, Jorhat and State Department of Agriculture, Assam	–

Details of proposed linkage with ATMA

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

Sl. No.	Programme	Nature of linkage proposed
1	Training	Involvement in the training programmes as resource person and as participants.
2	Participatory research	Conducting farmer's participatory on farm research
3	FLD	Conducting FLDs on crop diversification
4	Awareness campaign	Organizing awareness campaign on Integrated Pest Management

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

Sl. No.	Programme	Nature of linkage proposed
1	Technology Mission	Providing technical guidance
		Monitoring of farmers field

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

PART – VI
(PERFORMANCE OF INFRASTRUCTURE)

6. Performance of infrastructure in KVK

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

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

Name Of the crop	Expected Date of sowing	Expected Date of harvest	Area (ha)	Proposed production			Amount (Rs.)	
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income expected
Cereals								
Pulses								
Black gram								
Oilseeds								
Sesame	2 nd week of July, 2011	1 st week of Nov., 2011	1.0	ST-1683	Seed and grain	4.00	5,000.00	12,000.00
Fibers								
Spices								
Plantation crops								
Floriculture								
Fruits								
Banana	2 nd week of April, 2011	2 nd week of June, 2012	0.13	cv. Malbhog	Fruits and suckers	200 Nos. (Bunch)	12,000.00	30,000.00
Pineapple	Already planted	4 th week June, 2012	0.13	Var. Kew	Fruits	4000	20,000.00	30,000.00
Citrus	1 st week of April, 2011	From 3 rd year onwards	0.13	Var. Assam lemon	Fruits and planting materials	NA	NA	NA
Vegetables								
Others (Specify)								
Buckwheat	3 rd week of Nov., 2011	3 rd week of Feb., 2012	2.0	Local	Seed and grain	12.00	15,000.00	24,000.00

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

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

PART – VII (SUMMARY)

7. Summary

Targets for 2010–11 for KVK

On Farm Trials

Thematic areas	Cereals	Pulses	Oilseed	Vegetables	Fruits	Spice	Livestock	Total
Varietals evaluation	-	-		-	-	-	1	1
Crop management	2	-		-	3	-	-	5
Integrated Pest Management	1	-		1	-	-	-	2
Integrated Nutrient Management	1	1	1	-	-	-	-	3
Grand total	4	1	1	1	3	-	1	11

FLDs on oilseed and pulse crops

Name of KVK	Oilseeds		Pulses	
	Area (ha)	No. of farmers	Area (ha)	No. of farmers
Krishi Vigyan Kendra, Bongaigaon, AAU, Kajalgaon	5.0 (Kharif, 2011)	10	5.0 (Kharif, 2011)	10
	5.0 (Rabi, 2011-12)	10	5.0 (Rabi, 2011-12)	10
	Total	10.0	20	10.0

Training programmes

Area	Farmers/ farm women		Rural youth		Extension personnel	
	Courses	Participants	Courses	Participants	Courses	Participants
Crop Production	7	175	3	75	4	100
Horticulture	4	100	5	125	1	25
Plant Protection	6	175	2	50	2	50
Home Science	-	-	-	-	-	-
Animal Science	5	125	4	100	1	25
Soil Science	6	150	1	25	3	75
Agril Engineering	-	-	-	-	-	-
Bee Keeping	-	-	-	-	-	-

Production of inputs at site	–	–	–	–	–	–
Agro forestry	–	–	–	–	–	–
Others i) Fishery	-	-	1	25	-	-
ii) Agri. Economics	5	125	4	100	-	-
iii) Sericulture	-	-	1	25	-	-
Total	33	850	21	525	11	275

Extension Activities

Activity	Nos
Field days	5
Kisan Mela	-
Exhibition	1
Exposure visit	1
Diagnostic visit	5
Extension literature	12
Scientist farmers' interaction	1
Ex-trainees meet	-
Advisory services	20
Newspaper coverage	10
TV show	–
Radio talk	12
Scientific visit to farmers field	45
Farmers visit to KVK	175
Popular Article	20
Method demonstration	5
Soil health camp	1
Animal health camp	-
Lecture delivered as Resource Person	10
Others (Celebration of important days)	1
Total	324

Seed Production

KVK	Quantity (qtl)			
	Cereals	Oilseeds	Pulses	Others
Krishi Vigyan Kendra, Bongaigaon, AAU, Kajalgaon	2100 (Rice)	-	-	6.0 (Buckwheat)
Total	2100.00			6.00

Planting Materials :

KVK	Quantity (qtl)				
	Fruits	Vegetable Seedlings	Tree Species	Ornamental Plants	Medicinal plant
Krishi Vigyan Kendra, Bongaigaon, AAU, Kajalgaon	1000 Nos. (Banana suckers)				200 Nos. saplings (Asparagus)
Total	1000 Nos.				200 Nos.

**Signature,
Programme coordinator
KVK, Bongaigaon**

(Signature not needed in case of soft copy)

ANNUAL ACTION PLAN

2011-2012



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