### LAST DATE FOR SUBMISSION: <u>15<sup>TH</sup> SEPTEMBER, 2008</u>

### ANNUAL ACTION PLAN: 2008-09

### **KVK, BONGAIGAON**

#### Guidelines for filling up the Proforma:

1. This Proforma can also be downloaded from the website www.icarzcu3.gov.in. Don't type the Proforma again.

2. Don't change the page setup of this Proforma under any circumstances. Use the same proforma provided.

3. The Proforma has to be filled up strictly in Arial font 8 point size in single spacing. Don't use bold and italics anywhere in the text.

4. The Proforma given below has to be filled up in full and no column should be left vacant.

5. If any column appears not applicable to your KVK then it may be filled as 'NA'. Don't use any other abbreviations in such cases.

6. Enter data strictly confirming to the units specified in the Proforma. (Ex: ha, kg, qtl etc) Don't enter data in units such as acres or bighas.

### PART – I (GENERAL INFORMATION)

### 1. General information about the KVK

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

Complete postal address with Pin Code	Telephone	Fax	E mail
Krishi Vigyan Kendra, Bongaigaon, PO- Kajalgaon,-783385,Assam	03664-243775	-	-

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-785013	(0367) 2340001	(0367) 2340001	
Assam			

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

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

\* = Mandatory and to be provided without fail.

### Year of sanction of KVK: 2004

Scientific Staff Position\* (As on 30<sup>th</sup> August, 2008)

No.	Sanctioned posts	Name of the incumbent	Designation	Discipline	Date of joining	Permanent /Temporary
1	Programme Coordinator	Dr. S. K. Paul	Programme	Plant	22.09.04	Permanent
			Coordinator	breeding		
2	Subject Matter Specialist	Dr. K. K. Deka	Subject Matter Specialist	Horticulture	22.09.04	Permanent
3	Subject Matter Specialist	Dr. C. K. Sarma	Subject Matter Specialist	Agronomy	29.12.2005	Permanent
4	Subject Matter Specialist	-				
5	Subject Matter Specialist	-				
6	Subject Matter Specialist	-				
7	Subject Matter Specialist	-				
8	Programme Assistant	-				
9	Computer Programmer	-				
10	Farm Manager	-				

\* = 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): 12.0 ha

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

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#### SAC meetings proposed for the year

No.	Proposed Date/Month	Expected Participants	Salient Action Points
1.	March,2009	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.
2.	September,2009	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 (2007-08)

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

No	Farming systems identified
1	Agriculture—Horticulture
2	Agriculture—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 <sup>H</sup> gradually increases towards the river Brahmaputra.	
		The soil is medium to high in organic carbon and available N, low in available $P_2O_5$ and medium in $K_2O$ status.	
1		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).

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		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 (2008-09)

No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Bongaigaon	Dungtol	Katuripara	Major crops are rice, black gram, sesame, rapeseed & mustard, lentil, areca nut, coconut, banana, pineapple, citrus, ginger, vegetables, bamboo etc. Major enterprises are cropping, fruits and vegetables production, dairy etc.	-Soil acidity -Yield gap in paddy, pulses, oilseeds, fruits etc. -Poor fertility management -Rainfed farming -Inadequate post harvest handling of fruits & vegetables -Un-organized marketing system -Low rate of seed replacement	-Management of acid soil -Crop planning for rainfed area. -Commercial production of fruits and vegetables. -Increasing productivity of major field crops. -Preservation of locally available fruits & vegetables. -Appropriate nutrient management technique.
2.	Sidli	Dangtol	Nowagaon	Rice, rapeseed & mustard, kharif & rabi vegetables, fruits, bamboo etc. are important crops. Major enterprises included cropping, dairy, piggery etc.	-Soil acidity -Low yield in paddy, oilseeds, vegetables etc. -Poor nutrient management. -Un-organized market. -Lack of irrigation facility. -Low rate of seed replacement	<ul> <li>-Soil acidity management</li> <li>-Reducing yield gap in major field crops such as rice, oilseeds, pulses etc.</li> <li>-Adoption of appropriate nutrient management techniques.</li> <li>-Crop planning for rainfed areas.</li> </ul>
3.	Bijni	Manikpur	Matiapara	Rice, black gram, lentil, rapeseed & mustard, vegetables, pea etc. Cropping, poultry, fishery etc. are the major enterprises.	-Soil acidity -Yield gap in paddy, pulses oilseeds etc. -Un-organized marketing system. -Low production of fish per unit of water bodies. -Low rate of seed replacement -Excessive use of pesticides	<ul> <li>Resource management in acid soil.</li> <li>Higher productivity of major field crops.</li> <li>Scientific fish farming.</li> <li>Appropriate nutrient management through integrated nutrient management and balance fertilization.</li> <li>Adoption of integrated pest management technique.</li> </ul>
4.	Bijni	Borobazar	Bhetagaon	Rice), vegetables, rapeseed & mustard, potato etc. Important enterprises are cropping, fishery & poultry.	-Imbalance use of fertilizer -Excessive use of pesticides in some parts -Vield gap in rice, oilseed ,pulse and vegetable production -Low fish production per unit of water bodies. -Low rate of seed replacement -Un-organized marketing system	<ul> <li>-Reduction of yield gap in rice(boro)</li> <li>-Scientific fish production.</li> <li>-Adoption of integrated pest management technique.</li> <li>-Contingency crop planning for flood affected areas.</li> </ul>

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

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Rank	Thrust area
1	Expansion of area under fruits & vegetables
2	Reduction of yield gap in major field crops such as rice, oilseeds and pulses through introduction of improved varieties and improved crop management practices
3	Production of seed and planting material
4	Post harvest technology, value addition and agro-processing for fruits and vegetables
5	Soil fertility management through Integrated Plant Nutrient supply system and balance fertilization
6	Integrated Pest management
7	Marketing
8	Empowerment of women and reorientation of SHGs towards commodity based production & marketing system

### PART – II (OFT AND FLD)

### 2. Technical activities proposed

### Details of proposed On Farm Trials

No	Title of OFTs	Problem diagnosis	Technology selected	Assessment (and/ or) refinement (write A or R)	Source of technology	Year of release	Production system	Thematic area	Performance indicators
1	Potash management in black gram	Low soil potassium status	Application of 15 kg N, 35 kg P2O5 and 15kg K20	A	Regional Agricultural Research Station,AAU, Shillongoni, Nogaon	In the pipeline	Crop production	Nutrient management in black gram	Crop yield, Pest & disease infestation
2	Performance of glutinous rice varieties in the farmer's field	Non availability of suitable glutinous rice variety	Rice variety " Aghoni"	A	Regional Agricultural Research Station,AAU, Titabor	2005	Crop production	Cultivation of glutinous rice	Grain yield
3	Performance Submergence tolerant rice varieties in the farmer's field	Non availability of suitable submergence tolerant rice variety	Rice varieties " Jalashree" and "Jalkuwri"	A	Regional Agricultural Research Station,AAU, Titabor	Proposed to be released	Crop production	Sali rice cultivation in flash flood situation	Pest and disease infestation, Grain yield
4	Performance staggered planting rice variety in the	Higher seedling age due to adverse	Rice variety "Gitesh"	A	Regional Agricultural Research Station,AAU,	In the pipeline	Crop production	Rice varieties for unfavourable condition	Pest and disease infestation, Grain yield

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	farmer's field	climatic condition			Titabor				
5	Rhizome rot management in ginger using Biofor-Pf	Rhizome rot disease of ginger	Seed rhizome treatment with + Soil application of Biofor-pf	A	Dept. of Plant Pathology, AAU. Jorhat	2004	Crop production	Management of rhizome rot in ginger	Disease infestation, crop yield
6	High density cultivation of <i>malbhog</i> banana	Poor resource utilization	Plant population : 6520 plants/ha Spacing: 1m- 1.2m-2m	A	AICRP on Tropical Fruits, Dept. of Horticulture, AAU, Jorhat	2004	Crop production	High density banana cultivation	Days taken for shooting & harvesting, bunch weight, incidence of pest & disease, yield

### Notes (to be strictly followed in formulation of OFTs):

Technology Assessment refers to any technology (preferably new) going for assessment through OFT for the first time in a micro location. Technology Refinement refers to an already assessed technology getting refined through OFT to suit micro location needs for later demonstration. *If any OFT is proposed for refinement, kindly mention whether the technology was assessed earlier or not. If not, provide reasons.* 

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

### Examples:

Technology selected for assessment (and/or) refinement (Ex: Rice Var: XXXXX) Source of technology with year of release (Ex: ICAR RC NEH, Barapani, 2007) Production system and thematic area (Ex: Crop production & Weed management) Performance indicators of the technology (Ex: Yield, Shelf life etc)

#### **Details of proposed Frontline Demonstrations**

No	Title of FLDs	Problem diagnosis	Technology selected	Assessed (and/ or) Refined earlier (write A or R)	Year of assessment / refinement	No. of farmers/demon strations proposed	Source of technology	Year of release	Production system	Thematic area	Performance indicators
1	Performance of HYV of sesame "AST-1" with improved crop management	Low yield of existing varieties	Sesame variety "AST- 1"	A	NA	10	Regional Agricultural Research Station,AAU, Diphu.	In the pipeline	Crop production	Cultivation of HYV of Sesame	Crop Yield

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2	Performance of HYV of toria "TS- 36" with improved crop management	Low yield of existing varieties	Toria variety "TS-36"	A	2006-07	10	Regional Agricultural Research Station,AAU, Shillongoni, Nogaon	2000	Crop production	Cultivation of HYV of toria	Crop Yield
3	Performance of HYV of blackgram "Pant U 19" with improved crop management	Low yield of existing varieties	Black gram variety "Pant U-19"	A	2006-07	10	GBPUAT, Pantnagar	-	Crop production	Cultivation of HYV of blackgram	Crop Yield
4	Improved crop management practices of lentil	Low yield	Improved crop management	A	NA	10	Regional Agricultural Research Station,AAU, Shillongoni, Nogaon		Crop production	Cultivation of lentil with improved crop management	Crop Yield
5	Seed production technique of Scented rice	Poor seed replacemen t	Rice variety "Keteki joha"	A	2007	5	Regional Agricultural Research Station,AAU, Titabor	2007	Crop production	Cultivation of HYV of aromatic rice	Crop yield
6	TPS cultivation	Infected planting material and low yield	TPS	A	NA	4	AAU,Johat		Crop production	Cultivation of TPS	Crop yield, Disease reaction

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

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

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

### Examples:

Same as in case of OFTs

### Extension and Training activities proposed under FLD (if any)

No.	Activity	No. of activities proposed	Date/month	Number of participants expected
1	Field days	6	January,	250
			November,	
			February,	
2	Farmers Training	4	April, May	100
			June,	
			,August	
3	Media coverage	6	NA	NA

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4	Training for extension functionaries	1	July	25

FLD on Enterprises

Farm Implements: NA

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

### Livestock Enterprises: NA

Enterprise	Breed	No. of farmers/demonstrations	No. of animals, poultry birds etc.	Performance parameters*

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

### Other Enterprises: NA

Ρ

Enterprise	Variety/ breed/Species/others	No. of farmers/demonstrations	No. of Units	Performance parameters
Mushroom				
Apiary				
Sericulture				
Vermicompost				

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### Abstract of interventions proposed

						Proposed Interver	ntions (Give titles)		
No	Thrust area	Crop/ Enterprise	Identified Problem	OFTs	FLDs	Trainings	Training for Extn Personnel	Extension activities	Supply of seeds, planting materials etc.
1	Expansion of area under fruits & vegetables	Citrus, banana and pineapple	Low yield due to poor adoption of scientific production technology	High density cultivation of <i>malbhog</i> banana	TPS cultivation	i)Raising and management of citrus orchard ii)Commercial cultivation of banana iii)Production and management of pineapple for commercial production iv) Off season vegetable production v) Nursery management technique in major vegetable crops vi) Production of low volume high valued crops	i) Rejuvenation of old orchard ii) Plasticulture technique	i) Exposure visit ii) Publication of bulletins iii) Field day iv) Diagnostic & clinical services v) Farmers- Scientist interaction vi) Advisory services vii) Radio talk viii) Popular articles	Seeds, Planting material, Fertilizers, Pesticides etc.

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2	Reduction of yield gap in major field crops such as rice, oilseeds and pulses through introduction of improved varieties and improved crop management practices	Paddy, Oilseeds, Pulses	Yield gap due to poor adoption of improved varieties and improved crop management practices	<ul> <li>i) Potash management in black gram</li> <li>ii) Performance of glutinous rice varieties in the farmer's field</li> <li>iii) Performance</li> <li>Submergence tolerant rice varieties in the farmer's field</li> <li>iv) Performance</li> <li>staggered planting rice variety in the farmer's field</li> </ul>	i) Performance of HYV of sesame "AST- 1" with improved crop management ii) ) Performance of HYV of blackgram "Pant U 19" with improved crop management iii) Performance of HYV of toria "TS-36" with improved crop	i) Integrated Crop Management practices in Sali rice ii) Integrated Crop Management practices in oilseed and pulse crop iii)Nursery management practices in Sali rice iv)Integrated Weed Management practices in ahu rice v)Water Management practices in major rabi field crops	i) Productivity enhancement in major field crops through adoption of improved crop management practices	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.
3	Production of seed and planting material	Rice, jute, oilseeds, pulses , vegetables, pulses	Non availability of quality seed and planting materials in time	-	management iv) Improved crop management practices of lentil i) Seed production technique in scented rice variety "Ketekijaha"	i)Seed production technique in major field crops ii) Production of seeds and planting materials of major horticultural crops iii)Plant propagation technique in major fruit crops	-	i) Publication of bulletins ii) Method demonstrations iii) Field day iv) Advisory services v) Radio talk	Seeds, Fertilizers, Pesticides etc.
4	Post harvest technology , value addition and agro- processing	Fruits and vegetables	Inadequate post harvest handling and value addition	-	-	<ul> <li>i) Preservation of locally available fruits and vegetables</li> <li>ii)Agro- processing and value addition in major fruits and vegetable</li> </ul>	-	i) Publication of bulletins ii) Method demonstrations	-

		A 1 1/		1	1				I
5	Soil fertility management through Integrated Plant Nutrient supply system and balance fertilization	Agriculture	Deterioration of soil health due to improper soil management and poor crop yield	-	-	<ul> <li>i) Balance fertilization</li> <li>ii) Nutrient</li> <li>management in major</li> <li>field crops</li> <li>iii) Soil fertility</li> <li>management through</li> <li>Integrated Plant</li> <li>Nutrient supply</li> <li>system</li> <li>iv) Integrated nutrient</li> <li>management in Sali</li> <li>rice</li> <li>v)Management of acid</li> <li>soil</li> <li>vi) Soil and water</li> <li>conservation</li> <li>practices in crop field</li> </ul>	-	i) Publication of bulletins on IPNS ii) Publication of popular articles iii) Radio talk iv) Soil health camp	-
6	Integrated Pest management	Paddy, oilseeds, pulses, ginger	Injudicious use chemical pesticides	Rhizome rot management in ginger using Biofor-Pf	-	i) Integrated Pest Management in rice ii) Integrated Pest Management in oilseed and pulse crops	i) Integrated Pest Management in oilseed and pulse crops	<ul> <li>i) Awareness</li> <li>campaign on IPM</li> <li>ii) Publication of</li> <li>bulletin</li> <li>iii) Radio talk</li> <li>iv) Diagnostic &amp;</li> <li>clinical services</li> </ul>	Planting material, Fertilizers, Bio- Pesticides etc.
7	Marketing	Agriculture and allied sectors	Non availability of informations on agricultural marketing system	-	-	-	-	i) ) Creating awareness on facilities available for marketing information system ii)Formation of CIGs and FOs for organized marketing	-
8	Empowerment of women and reorientation of SHGs towards commodity based production & marketing system		Lack of commodity based production and marketing system	-	-	<ul> <li>i) Mainstreaming of gender issues through SHGs</li> <li>ii)Income generating activities through agriculture and allied sectors for empowerment of rural women</li> <li>iii) Formation and management of SHGs</li> </ul>	-	-	-

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

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c) Ornamental Plants			1					<u> </u>
Nursery Management								
Management of potted plants								
Production of export potential ornamental plants								1
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology								
Processing and value addition								
f) Spices								-
Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology								
Post harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation								
Integrated Nutrient Management								
Production and use of organic inputs								
Management of Problematic soils								
Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing								
IV Livestock Production and Management								
Dairy Management								
Poultry Management								
Piggery Management								t
Rabbit Management								1
Disease Management								1
Feed management								1
Production of guality animal products								1
V Home Science/Women empowerment								
Household food security by nutrition gardening								1
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing					1			
Gender mainstreaming through SHGs			1		1			<u> </u>
Storage loss minimization techniques			1		1			<u> </u>
Value addition								1
Income generation activities for empowerment of rural Women								1
Location specific drudgery reduction technologies								1
	1	1	1	l	L		1	1

Rural Crafts	1								<u> </u>
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									
Disease Management									
Bio-control of pests and diseases				1					
Production of bio control agents and bio pesticides	1								
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 ovster farming									
Pearl culture									
Fish processing and value addition									
IX Production of Inputs at site									
Seed Production									
Planting material production									
Bio-agents production	1				1			1	
Bio-pesticides production									[
Bio-fertilizer production	1								
Vermicompost production					1				
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	1								
Production of Fish feed									
X Capacity Building and Group Dynamics									
Leadership development in villages	1								
Managing Group dynamics									
Formation and Management of SHGs	1								
	 1	I	1	1 I	I	1	I	I	I

Mabilization of again conital in villages									1
Mobilization of social capital in villages									
Entrepreneurial development of farmers/youths									
WTO and IPR issues									
XI Agro-forestry									
Production technologies									
Nursery management									
Integrated Farming Systems									
XII Others (PI. Specify)									
TOTAL									
(B) RURAL YOUTH									
Mushroom Production									
Bee-keeping									
Integrated farming									
Seed production	+	1		<u> </u>					
		1							1
Production of organic inputs Integrated Farming	+					-			
	-								
Planting material production	-								
Vermiculture									
Sericulture									
Protected cultivation of vegetable crops									
Commercial fruit production									
Repair and maintenance of farm machinery and implements									
Nursery Management of Horticulture crops									
Training and pruning of orchards									
Value addition									
Production of quality animal products									
Dairying									
Sheep and goat rearing									
Quail farming									
Piggery				1					
Rabbit farming									
Poultry production									
Ornamental fisheries									
Training as Para vets									
Training as Para extension workers									
Composite fish culture	+								
Freshwater prawn culture	+								
Fish harvest and processing technology	+	1							l
Fry and fingerling rearing	-								l
Small scale processing	+	1							
Post Harvest Technology									l
Tailoring and Stitching	-								l
	+					-			
Rural Crafts									
TOTAL					ļ				l
(C) Extension Personnel									

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Productivity enhancement in field crops						
Integrated Pest Management						
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						
Low cost and nutrient efficient diet designing						
Production and use of organic inputs						
Gender mainstreaming through SHGs						
Any other (Pl. Specify)						
TOTAL						

### Off campus

	Courses					No. of	participa	ants			
Thematic area	(No)		Others			SC			ST		Grand Total
	(140)	Male	Female	Total	Male	Female	Total	Male	Female	Total	Granu Totai
(A) Farmers & Farm Women											
I Crop Production											
Weed Management	1	12	6	18	2	1	3	3	1	4	25
Nutrient Management	2	24	12	36	4	2	6	6	2	8	50
Resource Conservation Technologies											
Cropping Systems	2	24	12	36	4	2	6	6	2	8	50
Crop Diversification	1	12	6	18	2	1	3	3	1	4	25
Integrated Farming systems											
Water management	1	12	6	18	2	1	3	3	1	4	25
Seed production	1	12	6	18	2	1	3	3	1	4	25
Nursery management	2	24	12	36	4	2	6	6	2	8	50
Integrated Crop Management	2	24	12	36	4	2	6	6	2	8	50
Fodder production	1	12	6	18	2	1	3	3	1	4	25
Production of organic inputs	2	24	12	36	4	2	6	6	2	8	50
II Horticulture											
a) Vegetable Crops											
Production of low volume and high value crops	1	12	6	18	2	1	3	3	1	4	25
Off-season vegetables	1	12	6	18	2	1	3	3	1	4	25
Nursery raising	2	24	12	36	4	2	6	6	2	8	50

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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	1	12	6	18	2	1	3	3	1	4	25
Cultivation of Fruit crops			•				-	-	-	· ·	
Management of young plants/orchards											
Rejuvenation of old orchards	1	12	6	18	2	1	3	3	1	4	25
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		12	- V	10	-	-	Ŭ	Ť	•	-	20
Nursery Management			1				+	1	1	1	
Management of potted plants							-	+	1	1	
Production of export potential ornamental plants							-	+	1	1	
Propagation techniques of Ornamental Plants											
d) Plantation crops							-				
Production and Management technology											
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	•	12	•	10	2	-	3	3		-	25
f) Spices											
Production and Management technology	1	12	6	18	2	1	3	3	1	4	25
Processing and value addition	•		- V	10	-		Ŭ	Ů	•	-	20
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	6	18	2	1	3	3	1	4	25
Soli and Water Conservation	1	12	6	18	2	1	3	3	1	4	25
Integrated Nutrient Management	1	12	6	18	2	1	3	3	1	4	25
Production and use of organic inputs	1	12	6	18	2	1	3	3	1	4	25
Management of Problematic soils	1	12	6	18	2	1	3	3	1	4	25
Micro nutrient deficiency in crops		14		10		-		5	+ -		23
Nutrient Use Efficiency			+	-		-	+	+	+	+	
Soil and Water Testing					-		+	+		+	
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											
Feed management											
Production of quality animal products											
V Home Science/Women empowerment											
Household food security by nutrition gardening											
Design and development of low/minimum cost diet											
Designing and development for high nutrient efficiency diet											
Minimization of nutrient loss in processing											
Gender mainstreaming through SHGs	1	-	18	18	-	3	3	-	4	4	25
Storage loss minimization techniques											
Value addition											
Income generation activities for empowerment of rural Women	1	-	18	18	-	3	3	-	4	4	25
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	2	24	12	36	4	2	6	6	2	8	50
Disease Management											
Bio-control of pests and diseases											
Production of bio control agents and bio pesticides											
VIII Fisheries											
Integrated fish farming											
Carp breeding and hatchery management											
Carp fry and fingerling rearing											
Composite fish culture	1	12	6	18	2	1	3	3	1	4	25
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming				1							
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							1				
Small tools and implements											
Production of livestock feed and fodder							1				
Production of Fish feed							1				
X Capacity Building and Group Dynamics											
Leadership development in villages							1				
Managing Group dynamics							1				
Formation and Management of SHGs	1	-	18	18	-	3	3	-	4	4	25
Mobilization of social capital in villages											
Entrepreneurial development of farmers/youths							1				
WTO and IPR issues							1				
XI Agro-forestry											
Production technologies											
Nursery management											
Integrated Farming Systems											
XII Others (PI. Specify)											
TOTAL	36	396	252	648	66	42	108	99	45	144	900
(B) RURAL YOUTH			-								
Mushroom Production							1				
Bee-keeping											
Integrated farming	1	12	6	18	2	1	3	3	1	4	25
			~			4	3	3	1		25
Seed production	1	12	6	18	2	1	5			4	
	1	12	6	18	2	1	3	-	1	4	
Production of organic inputs	1	12	6	18	2					4	
Production of organic inputs Integrated Farming	1	12	6	18	2	1	3	3	1	4	25
Production of organic inputs								333	-	-	25 25
Production of organic inputs Integrated Farming Planting material production	1	12	6	18	2	1	3		1	4	
Production of organic inputs Integrated Farming Planting material production Vermiculture	1	12 12	6	18	2	1	3	3	1	4 4	25
Production of organic inputs Integrated Farming Planting material production Vermiculture Sericulture Protected cultivation of vegetable crops	1 1 1 1	12 12 12 12	6 6 6	18 18 18 18	2 2 2 2	1 1 1	3 3 3	3 3	1 1 1 1	4 4 4	25 25
Production of organic inputs Integrated Farming Planting material production Vermiculture Sericulture Protected cultivation of vegetable crops Commercial fruit production	1 1 1 1 1	12 12 12 12 12	6 6 6 6 6	18 18 18 18 18	2 2 2 2 2	1 1 1 1 1	3 3 3 3 3	3 3 3	1 1 1 1 1	4 4 4 4 4	25 25 25
Production of organic inputs Integrated Farming Planting material production Vermiculture Sericulture Protected cultivation of vegetable crops	1 1 1 1 1	12 12 12 12 12	6 6 6 6 6	18 18 18 18 18	2 2 2 2 2	1 1 1 1 1	3 3 3 3 3	3 3 3	1 1 1 1 1	4 4 4 4 4	25 25 25
Production of organic inputs Integrated Farming Planting material production Vermiculture Sericulture Protected cultivation of vegetable crops Commercial fruit production Repair and maintenance of farm machinery and implements	1 1 1 1 1	12 12 12 12 12	6 6 6 6 6	18 18 18 18 18	2 2 2 2 2	1 1 1 1 1	3 3 3 3 3	3 3 3	1 1 1 1 1	4 4 4 4 4	25 25 25
Production of organic inputs Integrated Farming Planting material production Verniculture Sericulture Protected cultivation of vegetable crops Commercial fruit production Repair and maintenance of farm machinery and implements Nursery Management of Horticulture crops	1 1 1 1 1	12 12 12 12 12	6 6 6 6 6	18 18 18 18 18	2 2 2 2 2	1 1 1 1 1	3 3 3 3 3	3 3 3	1 1 1 1 1	4 4 4 4 4	25 25 25
Production of organic inputs Integrated Farming Planting material production Vermiculture Sericulture Protected cultivation of vegetable crops Commercial fruit production Repair and maintenance of farm machinery and implements Nursery Management of Horticulture crops Training and pruning of orchards Value addition	1 1 1 1 1	12 12 12 12 12 12 12 12	6 6 6 6 6	18 18 18 18 18 18 18	2 2 2 2 2 2	1 1 1 1 1	3 3 3 3 3	3 3 3 3	1 1 1 1 1 1	4 4 4 4 4 4	25 25 25 25
Production of organic inputs Integrated Farming Planting material production Vermiculture Sericulture Protected cultivation of vegetable crops Commercial fruit production Repair and maintenance of farm machinery and implements Nursery Management of Horticulture crops Training and pruning of orchards	1 1 1 1 1	12 12 12 12 12 12 12 12	6 6 6 6 6	18 18 18 18 18 18 18	2 2 2 2 2 2	1 1 1 1 1	3 3 3 3 3	3 3 3 3	1 1 1 1 1 1	4 4 4 4 4 4	25 25 25 25
Production of organic inputs Integrated Farming Planting material production Vermiculture Sericulture Protected cultivation of vegetable crops Commercial fruit production Repair and maintenance of farm machinery and implements Nursery Management of Horticulture crops Training and pruning of orchards Value addition Production of quality animal products	1 1 1 1 1	12 12 12 12 12 12 12 12	6 6 6 6 6	18 18 18 18 18 18 18	2 2 2 2 2 2	1 1 1 1 1	3 3 3 3 3	3 3 3 3	1 1 1 1 1 1	4 4 4 4 4 4	25 25 25 25
Production of organic inputs Integrated Farming Planting material production Vermiculture Sericulture Protected cultivation of vegetable crops Commercial fruit production Repair and maintenance of farm machinery and implements Nursery Management of Horticulture crops Training and pruning of orchards Value addition Production of quality animal products Dairying	1 1 1 1 1	12 12 12 12 12 12 12 12	6 6 6 6 6	18 18 18 18 18 18 18	2 2 2 2 2 2	1 1 1 1 1	3 3 3 3 3	3 3 3 3	1 1 1 1 1 1	4 4 4 4 4 4	25 25 25 25
Production of organic inputs Integrated Farming Planting material production Vermiculture Sericulture Protected cultivation of vegetable crops Commercial fruit production Repair and maintenance of farm machinery and implements Nursery Management of Horticulture crops Training and pruning of orchards Value addition Production of quality animal products Dairying Sheep and goat rearing	1 1 1 1 1	12 12 12 12 12 12 12 12	6 6 6 6 6	18 18 18 18 18 18 18	2 2 2 2 2 2	1 1 1 1 1	3 3 3 3 3	3 3 3 3	1 1 1 1 1 1	4 4 4 4 4 4	25 25 25 25
Production of organic inputs Integrated Farming Planting material production Vermiculture Sericulture Protected cultivation of vegetable crops Commercial fruit production Repair and maintenance of farm machinery and implements Nursery Management of Horticulture crops Training and pruning of orchards Value addition Production of quality animal products Dairying Sheep and goat rearing Quail farming		12 12 12 12 12 12 12 12 12 12 12	6 6 6 6 6 6	18 18 18 18 18 18 18 18 18	2 2 2 2 2 2 2 2 2 2 2 2			3 3 3 3 3 3	1 1 1 1 1 1 1 1 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	25 25 25 25 25 25 25

Ornamental fisheries											
Training as Para vets											
Training as Para extension workers											
Composite fish culture											
Freshwater prawn culture											
Fish harvest and processing technology											
Fry and fingerling rearing											
Small scale processing											
Post Harvest Technology	1	12	6	18	2	1	3	3	1	4	25
Tailoring and Stitching											
Rural Crafts											
TOTAL	11	132	66	198	22	11	33	33	11	44	275
(C) Extension Personnel											
Productivity enhancement in field crops	1	18	-	18	3	-	3	4	-	4	25
Integrated Pest Management	1	18	-	18	3	-	3	4	-	4	25
Integrated Nutrient management											
Rejuvenation of old orchards	1	18	-	18	3	-	3	4	-	4	25
Protected cultivation technology	1	18	-	18	3	-	3	4	-	4	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											
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 (PI. Specify)											
TOTAL	4	72	-	72	12	-	12	16	-	16	100

### Consolidated table (On + Off + Sponsored + Vocational)

Thematic area	Courses					No. of	participa	ants			
	Courses (No)		Others			SC			ST		Grand Total
	(110)	Male	Female	Total	Male	Female	Total	Male	Female	Total	Granu Totai
(A) Farmers & Farm Women											
I Crop Production											
Weed Management	1	12	6	18	2	1	3	3	1	4	25

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Nutrient Management	2	24	12	36	4	2	6	6	2	8	50
Resource Conservation Technologies	-					-		•	-	-	
Cropping Systems	2	24	12	36	4	2	6	6	2	8	50
Crop Diversification	1	12	6	18	2	1	3	3	1	4	25
Integrated Farming systems			-		-		-	-			
Water management	12	6	18	2	1	3	3	1	4	25	
Seed production	12	6	18	2	1	3	3	1	4	25	
Nursery management	2	24	12	36	4	2	6	6	2	8	50
Integrated Crop Management	2	24	12	36	4	2	6	6	2	8	50
Fodder production	1	12	6	18	2	1	3	3	1	4	25
Production of organic inputs	2	24	12	36	4	2	6	6	2	8	50
Il Horticulture					-		-	-	-		
a) Vegetable Crops											
Production of low volume and high value crops	1	12	6	18	2	1	3	3	1	4	25
Off-season vegetables	1	12	6	18	2	1	3	3	1	4	25
Nursery raising	2	24	12	36	4	2	6	6	2	8	50
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	1	12	6	18	2	1	3	3	1	4	25
Cultivation of Fruit crops											
Management of young plants/orchards											
Rejuvenation of old orchards	1	12	6	18	2	1	3	3	1	4	25
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											
Production and Management technology											
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	1	12	6	18	2	1	3	3	1	4	25
Processing and value addition								1			
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	6	18	2	1	3	3	1	4	25
Soil and Water Conservation	1	12	6	18	2	1	3	3	1	4	25
Integrated Nutrient Management	1	12	6	18	2	1	3	3	1	4	25
Production and use of organic inputs	1	12	6	18	2	1	3	3	1	4	25
Management of Problematic soils	1	12	6	18	2	1	3	3	1	4	25
Micro nutrient deficiency in crops											
Nutrient Use Efficiency											
Soil and Water Testing											
IV Livestock Production and Management											
Dairy Management	1	12	6	18	2	1	3	3	1	4	25
Poultry Management											
Piggery Management											
Rabbit Management	İ							1			
Disease Management											
Feed management											
Production of quality animal products											
V Home Science/Women empowerment											
Household food security by nutrition gardening											
Design and development of low/minimum cost diet											
Designing and development for high nutrient efficiency diet											
Minimization of nutrient loss in processing											
Gender mainstreaming through SHGs	1	12	6	18	2	1	3	3	1	4	25
Storage loss minimization techniques											
Value addition											
Income generation activities for empowerment of rural Women	1	12	6	18	2	1	3	3	1	4	25
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	2	24	12	36	4	2	6	6	2	8	50
Disease Management											
Bio-control of pests and diseases											
Production of bio control agents and bio pesticides											
VIII Fisheries											

Integrated fish farming											
Carp breeding and hatchery management											
Carp fry and fingerling rearing											
Composite fish culture	1	12	6	18	2	1	3	3	1	4	25
Hatchery management and culture of freshwater prawn			•	10	-	•	Ŭ	U	-	-	20
Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn									1		
Shrimp farming									1		
Edible oyster farming											
Pearl culture											
Fish processing and value addition IX Production of Inputs at site							-				
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	1	12	6	18	2	1	3	3	1	4	25
Mobilization of social capital in villages											-
Entrepreneurial development of farmers/youths											
WTO and IPR issues											
XI Agro-forestry											
Production technologies							-				
Nursery management											
Integrated Farming Systems				-	1		+	1		1	1
XII Others (Pl. Specify)					+			1			1
			050		-		100		45		
	36	396	252	648	66	42	108	99	45	144	900
(B) RURAL YOUTH					_						
Mushroom Production			_								
Bee-keeping			<u> </u>		<u> </u>						
Integrated farming	1	12	6	18	2	1	3	3	1	4	25
Seed production	1	12	6	18	2	1	3	3	1	4	25
Production of organic inputs				_							
Integrated Farming											

Planting material production	1	12	6	18	2	1	3	3	1	4	25
Vermiculture	1	12	6	18	2	1	3	3	1	4	25
Sericulture	1	12	6	18	2	1	3	3	1	4	25
Protected cultivation of vegetable crops	1	12	6	18	2	1	3	3	1	4	25
Commercial fruit production	1	12	6	18	2	1	3	3	1	4	25
Repair and maintenance of farm machinery and implements	•		•	10	-	•	v	- U		-	20
Nursery Management of Horticulture crops											
Training and pruning of orchards											
Value addition	1	12	6	18	2	1	3	3	1	4	25
Production of quality animal products	•	12	0	10	2	1	3	3	1	-	23
Dairying							-				
Sheep and goat rearing											
Quail farming		12	•	18	-		_	•	4		05
Piggery	1	12	6	18	2	1	3	3	1	4	25
Rabbit farming		40	-	- 10	-	4	-	-		-	
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											
Freshwater prawn culture											
Fish harvest and processing technology											
Fry and fingerling rearing											
Small scale processing											
Post Harvest Technology	1	12	6	18	2	1	3	3	1	4	25
Tailoring and Stitching											
Rural Crafts											
TOTAL	11	132	66	198	22	11	33	33	11	44	275
(C) Extension Personnel											
Productivity enhancement in field crops	1	12	6	18	2	1	3	3	1	4	25
Integrated Pest Management	1	12	6	18	2	1	3	3	1	4	25
Integrated Nutrient management											
Rejuvenation of old orchards	1	12	6	18	2	1	3	3	1	4	25
Protected cultivation technology	1	12	6	18	2	1	3	3	1	4	25
Formation and Management of SHGs											
Group Dynamics and farmers organizations											
Information networking among farmers											
Capacity building for ICT application			1			1		1	1	1	
Care and maintenance of farm machinery and implements											
WTO and IPR issues											
Management in farm animals						1		1	1	1	1
Livestock feed and fodder production											
Household food security										1	1
Women and Child care			+								
Low cost and nutrient efficient diet designing			1					1		+	
Production and use of organic inputs											
r roudotion and use of organic inputs								1	1		1

Gender mainstreaming through SHGs											
Any other (PI. Specify)											
TOTAL	4	72	-	72	12	-	12	16	-	16	100

### Vocational training programmes for Rural Youth

				No. c	of Participant	S
Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	Male	Female	Total
Citrus	Production of planting material	Cutting and layering techniques in citrus	2	18	7	25
Banana	Commercial production of banana	Improved production technology of banana	2	18	7	25
Agro processing and value addition	Preservation of locally available fruits and vegetables	Preparation of jam , jelly, prickle , sauce and squash	3	-	25	25
Seed production	Supply of quality seed	Seed production technique of major field crops	3	18	7	25
Crop, Fishery and Livestock	Farming system approach for income generation	Integrated fish farming	2	18	7	25

\*training title should specify the major technology /skill transferred

### Sponsored Training Programmes

		Thematic		Duration	Client	No. of		No. of Participants									
No	Title	area	Month	Duration (days)	PF/RY	PF/RY courses Male Female Total		Male Female			Sponsoring Agency						
		area		(uays)	/EF	courses	Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1	Integrated Pest Management methods	Plant protection	April	1	PF	1	12	2	3	6	1	1	18	3	4	25	State Dept. Agriculture, Bongaigaon
2	Integrated Nutrient Management	Nutrient manageme nt	June	1	PF	1	12	2	3	6	1	1	18	3	4	25	State Dept. Agriculture, Bongaigaon
3	Value addition in horticultural crops	Value addition	Septe mber	1	EF	1	18	3	4	-	-	-	18	3	4	25	State Dept. Agriculture, Bongaigaon
	Total			3		3	47	7	10	12	2	2	54	9	12	75	

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

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

Notions of Fotossian Activity			Farmers	5	Exter	nsion Off	icials	R	ural Yo	uth		Total		
Nature of Extension Activity	No. of activities	М	F	Т	M	F	Т	М	F	Т	М	F	Т	
Field Day	6	120	60	180	10	-	10	40	20	60	170	80	250	
Kisan Mela														
Kisan Gosthi														
Exhibition														
Film Show														
Method Demonstrations	1	10	5	15	2	-	2	8	5	13	20	10	30	
Farmers Seminar														
Workshop													-	
Group meetings														
Lectures delivered as resource persons	10	100	50	150	20	-	20	50	30	80	170	80	250	
Newspaper coverage	24													
Radio talks	12													
TV talks														
Popular articles	12													
Extension Literature	6												-	
Advisory Services	36													
Scientific visit to farmers field	48													
Farmers visit to KVK	250													
Diagnostic visits	12													
Exposure visits	1	10	5	15	-	-	-	10	5	15	20	10	30	
Ex-trainees Sammelan														
Soil health Camp	1	10	5	15	2	-	2	8	5	13	20	10	30	
Animal Health Camp	1	10	5	15	2	-	2	8	5	13	20	10	30	
Agri mobile clinic														
Soil test campaigns														
Farm Science Club Conveners meet														
Self Help Group Conveners meetings														
Mahila Mandals Conveners meetings														
Celebration of important days (specify)														
Any Other (Specify)	1	10	5	15	2	-	2	8	5	13	20	10	30	
Farmers scientist interaction		10	5	15	2		<b>∠</b>	0	5	13	20	10	30	
Total	421	270	135	405	38	-	38	132	75	207	440	210	650	
M=Male F=Female T=Total														

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### Proposed production and supply of Technological products : NA

### Seed materials

SI. No.	Сгор	Variety	Proposed Quantity (qtl.)	Value (Rs.)	To be provided to (No. of Farmers)
Cereals					
Oilseeds					
Pulses					
Vegetables					
Flower Crops					
Othere (Specific)					
Others (Specify)					

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Planting materials NA

SI. No. Fruits	Crop	Variety	Quantity (Nos.)	Value (Rs.)	To be provided to (No. of Farmers)
Fruits					
Spices					
Vegetables					
Forest Species					
	-				
Ornemental Grane					
Ornamental Crops					
Plantation Crops	-				
	-				
Others (specify)					
	1				
	1				

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### Byproducts NA

CL No.	Droduct Nome	Creation	Qua	ntity		To be provided
SI. No.	Product Name	Species	No	(kg)	Value (Rs.)	To be provided to (No. of Farmers)
Bioagents						
1						
2						
3						
4						
Biofertilizers						
1						
2						
3						
4						
Bio Pesticides						
1						
2						
3						
4						

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### Livestock NA

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

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### Literature proposed to be developed/ published

ltem	Title	Number
Research papers	Effect of tillage, seed rate and weed control methods on growth and yield of mays (Zea mays L.)	1
Technical reports	FLD reports Annual report District plan ZREAC Report	6 1 1 2
News letters		
Technical bulletins Popular articles	<ul> <li>i) Commercial cultivation of banana</li> <li>ii) Constraints of pulse production and remedies</li> <li>iii) INM in rice</li> <li>iv) Crop production and soil health</li> <li>iv) Good Agricultural Practices</li> <li>v) Rice cultivation under adverse condition</li> <li>vi) Commercialization of agriculture</li> </ul>	6
Extension literature( Bulletin)	<ul> <li>i) Commercial cultivation of pineapple</li> <li>ii) Propagation technique of citrus</li> <li>iii) Sali rice production under post flood situation</li> <li>iv) Preparation of jam, jelly and squash</li> <li>v) INM in rice</li> <li>vi) IPM in rice</li> </ul>	6
Others (Pl. specify)		
Total		23

### Details of Electronic Media proposed

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Proposed title of the programme	Number
1	Audio-Cassette	Development of homestead garden	1
2	Audio-Cassette	Vermicomposting	1
3	Audio-Cassette	INM in Sali rice	11

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### Field activities proposed

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

Proposed activities of Soil and Water Testing Laboratory

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

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

### PART – V (LINKAGES WITH OUTSIDE ORGANISATIONS)

### 5. Proposed Linkages

### Functional linkage with different organizations

Name of organization		Nature of linkage
1. State Department of Agriculture, Veterinary	i.	Identification of training needs and target
Science, Fishery, and Sericulture etc. of Bongaigaon		group for various extension activities.
and Chirang district.	ii.	Involvement in various state extension
, , , , , , , , , , , , , , , , , , ,		activities like Technology Mission, District
		Level Implementation and Monitoring etc.
	iii.	Planning and implementation of ATMA.
	iv.	Exchange of resource persons in various
		training programmes
2. Civil Administration, DRDA, SIRD, Block	i.	Participation in departmental
Development Offices, Banks of Bongaigaon and		programmes.

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Chirang district.	ii.	Formation and functioning of SHGs,
	п.	NGOs etc
	iii.	Entrepreneurship development.
3.Farmer's Organizations like Field Management	i.	Identification of need based training
Committee, All Bodoland Farmer's Association		courses and beneficiaries for various
(DuBAA), Jack Fruit Grower Society, Anjali Sukhati		extension activities.
etc.	ii.	Organizing training programmes.
	iii.	Entrepreneurship development.
4.Non Govt. Organizations like Madhuchakra	i.	Identification of training courses and
Development Organization, Basugaon, Discovery		target groups.
Club, Bongaigaon, Asomi, Abhayapuri & Bongaigaon	ii.	Organizing training programmes.
branch etc.	iii.	Participation as resource person in
		collaborative programmes.
5.Indian Institution of Technology, Guwahati, Indian	i.	Participation in training programmes.
Institution of Entrepreneurship, Guwahati and	ii.	Identification of beneficiaries.
Institute of Co-operative Management-Guwahati	iii.	Involvement in the district level planning
		programmes for entrepreneurship
		development.
6.Research Stations and KVKs of Assam Agricultural	i.	Participation in ZREAC meeting.
University	ii.	Invitation of resource persons.
	iii.	Supply of seed materials for FLD and
		OFT programmes.
7.All India Radio, Kokrajhar	i.	Publicity
-	ii.	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) ; NA

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

#### Details of proposed linkage with ATMA

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

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S. 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
2		research
3	FLD	Conducting FLDs on crop diversification
4	Awareness campaign	Organizing awareness campaign on
4		Integrated Pest Management

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

S. No.	Programme	Nature of linkage proposed
1.	Technology Mission	<ol> <li>Providing technical guidance</li> <li>Monitoring of farmers field</li> </ol>
		U U

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

S. No.	Programme	Nature of linkage proposed
1.	Training	Proposal for training have been submitted to NFDB for necessary approval

### PART – VI (PERFORMANCE OF INFRASTRUCTURE)

### 6. Performance of infrastructure in KVK

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

				Propose	d productio	n	Ar	nount (Rs.)
No.	Demo Unit	Year of estt.	Area	Variety	Produce	Qty.	Cost of inputs	Gross income expected

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

Name			ea a)	Proposed production		Amount (Rs.)		
Of the crop	Expected Date of sowing	Expected Date of harvest	Area (ha)	Variety	Type of Produce	Qty.	Cost of inputs	Gross income expected
Cereals								
Pulses								
Oilseeds								
Fibers								
Spices								
Plantation crops								
Floriculture								
Fruits								
Vegetables								
vegetables								
Others (Specify)								

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

NAI

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

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

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

### PART – VII (SUMMARY)

### 7. Summary

### Targets for 2008-09 for KVK, Bongaigaon

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

### FLDs on oilseed and pulse crops

	Oils	seeds	Pulses			
Name of KVK	Area (ha)	No. of farmers	Area (ha)	No. of farmers		
	10	20	10	20		
Bongaigaon						
Boligaigaon						
Total	10	20	10	20		

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### Training programmes

A.r.o.s	Farmers/ farm women		Rural youth		Extension personnel	
Area	Courses	Participants	Courses	Participants	Courses	Participants
Crop Production	15	375	2	50	1	25
Horticulture	9	225	5	125	2	50
Plant Protection	2	50	-	-	1	25
Home Science	2	50	-	-	-	-
Animal Science	1	25	2	50	-	-
Soil Science	5	125	-	-	-	-
Agril Engineering	-	-	-	-	-	
Bee Keeping	-	-	-	-	-	-
Mushroom Cultivation	-	-	-	-	-	-
Agro forestry	-	-	-	-	-	-
Others	2	50	2	50	-	
Total	36	900	11	275	4	100

#### **Extension Activities**

Activity	Nos
Field days	6
Kisan Mela	-
Exhibition	-
Exposure visit	1
Extension literature	6
Scientist farmers' interaction	1
Ex-trainees meet	-
Advisory services	36
Newspaper coverage	24
TV show	-
Radio talk	12
Others( Lecture delivered, popular article, Field visits,	335
Diagnostic visit, advisory services etc)	
Total	421

### Seed Production: NA

KVK	Quantity (qtl)						
RVR.	Cereals	Oilseeds	Pulses	Vegetables			
Total							

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#### Planting Materials NA

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

Signature, Programme coordinator, KVK, Bongaigaon

(Signature not needed in case of soft copy)

#### Notes:

The filled in Proforma has to be emailed to icar\_zcu3@yahoo.co.in on or before 15<sup>th</sup> September, 2008. Also the action plan has to be submitted in a CD during the Annual Zonal Workshop of KVKs to be held at Itanagar, Arunachal Pradesh during September 2008. The action plan will be verified on the spot before submission. Incomplete and casually filled proformas not complying with the given guidelines will not be accepted. Hence KVKs are requested to take utmost care in filling up the proforma in line with the guidelines provided at the beginning.

#### Materials to be submitted at Annual Zonal Workshop of KVKs:

- 1. 3 hard copies of Annual Report 2007-08
- 2. 3 hard copies of Annual Action Plan 2008-09
- 3. One CD containing 3 separate folders namely Annual Action Plan 2008-09, Annual Report 2007-08 and Action Photographs.

(The folder on action photographs should contain 10 action photos in JPEG format. The photos should be as separate JPEG files and not to be pasted in a single Word file. The name of each JPEG file should indicate the activity in Photograph in detail.)

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