ANNUAL ACTION PLAN: 2008-09

KVK, GOLAGHAT

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, Khumtai, Golaghat, Assam PIN: 785 619			pc_kvk.golaghat@yahoo.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, Assam PIN: 785 013	0376-2340029	0376-2340029	

Name of the Programme Coordinator with Landline & Mobile No*

Name of PC	Contacts		
	Residence	Mobile	E mail
Dr. Hem Chandra Boruah		94356 82555	pc_kvk.golaghat@yahoo.com

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

Year of sanction of KVK:

Scientific Staff Position* (As on 30th August, 2008)

No.	Sanctioned posts	Name of the incumbent	Designation	Discipline	Date of joining	Permanent /Temporary
1	Programme Coordinator	Dr. Hem Ch. Boruah	Prog. Coord.	Soil Science	15.06.07	Permanent
2	Subject Matter Specialist	Dr. Pritty Neog	S.M.S.	Home Science	17.03.03	Permanent
3	Subject Matter Specialist	Dr. Kalyan Pathak	S.M.S.	Agronomy	10.03.08	Permanent
4	Subject Matter Specialist	Vacant				
5	Subject Matter Specialist	Vacant				
6	Subject Matter Specialist	Vacant				
7	Subject Matter Specialist	Vacant				
8	Programme Assistant	Mr. Dhiren Nath	Prog. Asstt.	Fishery	01.10.01	Permanent
9	Computer Programmer	Mr. Rupjyoti Borah	Prog. Asstt. (Comp. Prog.) and i/c	Soil Science	01.10.01	Permanent

			F. Manager			
10	Farm Manager	Vacant				
11	Accountant/Superintendent	Mr. Bipul Sarma	Jr. Accountant	-	01.04.97	Permanent
12	Stenographer	Mr. Rajib Borah	L.D.A.	-	01.07.95	Permanent
13	Driver	Mr. Akon Ch. Gogoi	Driver	-	01.12.95	Permanent
14	Driver	Md. Mujibur Rahman	Driver	-	01.03.07	Permanent
15	Supporting staff	Mr. Nitul Gogoi	Grade IV	-	01.12.95	Permanent
16	Supporting staff	Mr. Bipul Baruah	Grade IV	-	01.12.95	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): 12.26

No.	Item	Area (ha)
1	Under Buildings	1.50
2.	Under Demonstration Units	-
3.	Under Crops	5.83
4.	Orchard/Agro-forestry	0.01
5.	Others	4.92

SAC meetings proposed for the year

No.	Proposed Date/Month	Expected Participants	Salient Action Points
1.	May, 2009	16	To be finalised
2.			

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.	Agri-Hort
2.	Agri – Fishery
3.	Agri – Livestock

**** = 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.	Upper Brahmaputra Valley	Existence of high land and plain areas. The soil is immature alluvial to mature alluvial. Considerable variations are observed in physiography, climate, soil, flood proneness, socio-economic condition and cropping pattern.

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

No	Agro ecological situation	Characteristics
1.	Humid alluvial flood prone	Alluvial soil, flood regular feature
2.	Humid alluvial flood free	Level land, sandy loam to clay soil
3.	Sub-Humid alluvial medium land	Level land, sandy loam to clay loam soil
4.	Sub-humid alluvial high land	Level to undulating land, loam to clay loam soil

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
01	Golaghat	Bokakhat	Panbari, Napamua, Lakhipur, Belguri, Durgapur, Rajabari, Japoripothar	Rice, fishery, vegetables, rapeseed, boro paddy	Injudicious and imbalanced use of chemicals	Organic farming
02		Morongi	Borgoria, Ponka, Kordoiguei, Morongi	Rice, vegetables, piggery, dairy, mushroom	Low productivity of oilseeds and vegetables.	Integrated fish farming
03		Kothalguri	Norakonwar, Butoleykhowa, Khumtai, Thengalgaon	Rice, Rapeseed, vegetables, fishery, poultry	Low productivity	Rice cum fish culture
04		Golaghat	Golaghat, Furkating,	Rice, Rape and mustard, summer vegetable, live stock	Low productivity	Improved crop management
05		Dergaon	Na-bhanga,	Rice, Rapeseed, vegetables, fishery, poultry, dairy	Bacterial wilt of tomato	Integrated Pest Management

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

Rank	Thrust area
I	Integrated Pest Management
II	Integrated Nutrient Management
III	Integrated Farming system
IV	Organic Farming
V	Integrated Crop Management

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	Scented rice cultivation	Low yield of traditional scented rice varieties	New variety 'Keteki Joha'	A	RARS, AAU, Jorhat	2007	Rainfed	Premier rice varieties	1. Days to 50% flowering and maturity 2. Plant height 3. Grain Yield 4. Economics (B:C ratio)
2	Weed management in Boro rice		1. Pre-emergence (3.5 DAT) application of Butachlor 1kg/ha followed by working with rotary paddy weeder at40 DAT	A	Deptt. of Agronomy, AAU	2006	Rainfed	Weed management	1. Weed record 2. Grain yield 3. Other yield components
3.	Boro rice cultivation		Variety : Kanaklata	A	RARS, Titabar	2005	Rainfed	Variety	1. Days to 50% flowering and maturity 2. Plant height 3. Grain Yield 4. Economics (B:C ratio)
4.	Integrated nutrient management in rice		Use of biofertilizer @ 4 kg inocula/ha	A	Department of Soil Science, AAU, jorhat	Under pipeline	Rainfed	Nutrient management in rice	5. No. of tillers/plant 6. No. of panicles 7. Grains/panicle 8. Pest and disease infestation

									9. Grain yield
5.	Integrated nutrient management in mustard		Use of biofertilizer @ 4 kg inocula/ha	A	RARS, Shillongani	Under pipeline	Rainfed medium land	Nutrient management in mustard	1. Plant height, plant stand and yield of mustard
6.	Performance of balanced diet Susama over local feed	Imbalanced nutrition resulting in less return	Susama, a balanced diet	A	FRC, AAU, Jorhat	2003	Intensive fish culture	Semi-intensive culture of carps	1. Plankton growth 2. Feed consumed 3. Size at harvest 4. No. recovered 5. farmers' Reaction
7.	Raising of fish fingerlings from spawn	Quality carp seed production	Species of all major carps with recommended management practices	A	FRC, AAU, Jorhat	2002		Carp seed production	1. Feeding rate 2. Size at harvest 3. No. recovered 4. Farmers' reaction
8.	Management of bacterial wilt in brinjal and tomato	Yield loss due to bacterial wilt	Use of Biofor-PF	A	Department of Plant Pathology, AAU, Jorhat	Under pipeline	Rainfed and irrigated	Control of bacterial wilt disease	1. No. of infected plants 2. Yield record 3. Farmers' Reaction
9.	Biocontrol of stem borer and leaf folder in rice	Yield loss due to stem borer and leaf folder	Use of *Trichogramma japonicum* and *T. chilonis*	A	Department of Entomology, AAU, Jorhat	2003	Rainfed and irrigated	Performance of Biocontrol agents	1. Incidence of pests 2. Yield record 3. Farmers' Reaction

Details of proposed Frontline Demonstrations

No	Title of FLDs	Problem diagnosis	Technology selected	Assessed (and/ or) Refined earlier (write A or R)	Year of assessment / refinement	No. of farmers/demonstrations proposed	Source of technology	Year of release	Production system	Thematic area	Performance indicators
1	FLD on oilseeds (Sesame and toria)	Low yield of local varieties and farmers' practices	Integrated crop management	A		5 each in sesame and toria	RARS, Shillongani		Rainfed medium land to upland	Integrated Nutrient Management	1. Grain yield 2. Economics 3. Farmers' reaction
2	FLD on pulses (greengram and pea)	Low yield of local varieties and farmers'	Integrated crop management including variety SG-1	A		5 each in greengram and pea	RARS, Shillongani and Kanpur	1999	Rainfed medium land to upland	Integrated Nutrient Management	1. Grain yield 2. Economics 3. Farmers' reaction

		practices	(Pratap) for greengram and Azad for pea								
3.	FLD other than oilseeds and pulses	Flash flood	Submergence tolerant varieties Jalashree	A	-	10	RARS, AAU, Titabar		Rainfed	Cultivation of Sali rice	1. Date of submergence 2. Duration of submergence 3. No. of ear bearing

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

FLDs are conducted only on proven technologies.

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

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

Examples:

Same as in case of OFTs

Extension and Training activities proposed under FLD (if any)

No.	Activity	No. of activities proposed	Date/month	Number of participants expected
1	Field days	5	Jan : 2 Oct : 2 Dec : 1	5 x 50 = 250
2	Farmers Training	5	July : 3 Oct : 2	5 x 25 = 125
3	Media coverage	5	Jan – Oct	-
4	Training for extension functionaries	1	March	25

FLD on Enterprises

Farm Implements

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

Livestock Enterprises

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

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

Other Enterprises

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

Abstract of interventions proposed

No	Thrust area	Crop/ Enterprise	Identified Problem	Proposed Interventions (Give titles)					
				OFTs	FLDs	Trainings	Training for Extn Personnel	Extension activities	Supply of seeds, planting materials etc.
1	Premier rice varieties	Rice	Low yield of traditional rice varieties	New variety 'Keteki Joha'					Seeds
2	Weed management	Rice	Weed infestation in boro rice	2. Pre-emergence (3.5 DAT) application of Butachlor 1kg/ha followed by working with rotary paddy weeder at40 DAT					Seeds, weedicide
3	Variety	Rice	Low yield of traditional rice variety	Variety : Kanaklata					Seeds
4	Nutrient management in rice	Rice	Maintenance of Soil health	Use of biofertilizer @ 4 kg inocula/ha					Biofertilizer
5	Nutrient management in mustard	Mustard	Maintenance of soil health	Use of biofertilizer @ 4 kg inocula/ha					Biofertilizer
6	Semi-intensive culture of carps	Fish culture	Balanced nutrition of fish	Susama, a balanced diet					Susama

7	Carp seed production	Fish culture	Quality fish seed	Species of all major carps with recommended management practices					Carp seeds
8	Control of bacterial wilt disease	Tomato, brinjal	Yield loss due to bacterial wilt disease	Use of Biofor-PF					Biofor-PF
9	Performance of Biocontrol agents	Rice	Yield loss due to stem borer and leaf folder	Use of *Trichogramma japonicum* and *T. chilonis*					Biocontrol agents
10	Integrated Nutrient Management	Sesame, toria	Low yield of local varieties and farmers' practices		Integrated crop management				Seeds, fertilizer, pesticides
11	Integrated Nutrient Management	Greengram, pea	Low yield of local varieties and farmers' practices		Integrated crop management including variety SG-1 (Pratap) for greengram and Azad for pea				Seeds, fertilizer, pesticides
12	Cultivation of Sali rice	Rice	Flash flood		Submergence tolerant varieties Jalashree				Seeds

PART – III
(TRAINING PROGRAMMES)

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

Note: The proportion of SC and ST participants for all training programmes should match with their proportion in the population of the KVK district.

On Campus

Thematic area	Courses (No)	No. of participants									
		Others			SC			ST			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	1	15	2	17	2	2	4	2	2	4	25
Water management											
Seed production											
Nursery management											
Integrated Crop Management											
Fodder production											
Production of organic inputs											
II Horticulture											
a) Vegetable Crops											
Production of low volume and high value crops											
Off-season vegetables											
Nursery raising	1	15	2	17	2	2	4	2	2	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											
Management of young plants/orchards											
Rejuvenation of old orchards											
Cultivation of export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques	1	15	2	17	2	2	4	2	2	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											
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	1	12	1	3	8	1	9	0	0	0	25
IV Livestock Production and Management											
Dairy Management											
Poultry Management											
Piggery Management	1	17	0	17	4	1	5	2	1	3	25
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											
Storage loss minimization techniques	1	0	0	0	4	11	15	0	10	10	25
Value addition											
Income generation activities for empowerment of rural Women											
Location specific drudgery reduction technologies											
Rural Crafts											
Women and child care	1	0	0	0	0	15	15	0	10	10	25
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	1	15	2	17	2	2	4	2	2	4	25
Small scale processing and value addition											
Post Harvest Technologies											
VII Plant Protection											
Integrated Pest Management	1	15	2	17	4	4	8	0	0	0	25
Disease Management											
Bio-control of pests and diseases	1	13	2	15	4	4	8	2	0	2	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	1	4	0	4	2	13	15	2	4	6	25
Managing Group dynamics											
Formation and Management of SHGs	1	15	2	17	2	2	4	2	2	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											
XII Others (Pl. Specify)											
TOTAL	**12**	**136**	**15**	**141**	**36**	**59**	**95**	**16**	**35**	**51**	**300**
(B) RURAL YOUTH											
Mushroom Production	1	9	2	11	4	8	12	0	3	3	25
Bee-keeping	1	2	2	4	15	2	17	2	2	4	25
Integrated farming											
Seed production											
Production of organic inputs	1	15	2	17	2	2	4	2	2	4	25
Integrated Farming											
Planting material production											
Vermiculture											
Sericulture											

Protected cultivation of vegetable crops											
Commercial fruit production											
Repair and maintenance of farm machinery and implements	1	17	2	19	2	2	4	0	0	0	25
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											
Rabbit farming											
Poultry production											
Ornamental fisheries											
Training as Para vets											
Training as Para extension workers											
Composite fish culture	1	4	0	4	2	13	15	2	4	6	25
Freshwater prawn culture											
Fish harvest and processing technology											
Fry and fingerling rearing	1	4	0	4	2	13	15	2	4	6	25
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching											
Rural Crafts											
TOTAL	**6**	**51**	**8**	**59**	**27**	**40**	**67**	**8**	**15**	**23**	**150**
(C) Extension Personnel											
Productivity enhancement in field crops	1	10	0	10	8	0	8	7	0	7	25
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	1	12	0	12	6	0	6	7	0	7	25
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	**2**	**22**	**0**	**22**	**14**	**0**	**14**	**14**	**0**	**14**	**50**

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											
Nutrient Management											
Resource Conservation Technologies											
Cropping Systems	3	45	6	51	6	6	12	6	6	12	75
Crop Diversification	1	15	2	17	2	2	4	2	2	4	25
Integrated Farming systems											
Water management	1	12	0	12	6	0	6	7	0	7	25
Seed production	1	15	2	17	2	2	4	2	2	4	25
Nursery management											
Integrated Crop Management	1	15	2	17	2	2	4	2	2	4	25
Fodder production											
Production of organic inputs											
II Horticulture											
a) Vegetable Crops											
Production of low volume and high value crops	1	15	2	17	2	2	4	2	2	4	25
Off-season vegetables	1	12	0	12	6	0	6	7	0	7	25
Nursery raising	1	15	2	17	4	4	8	0	0	0	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	15	2	17	2	2	4	2	2	4	25
Management of young plants/orchards											
Rejuvenation of old orchards											
Cultivation of export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques											
c) Ornamental Plants											
Nursery Management											
Management of potted plants											
Production of export potential ornamental plants	1	19	0	19	6	0	6	0	0	0	25
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	1	15	2	17	2	2	4	2	2	4	25
g) Medicinal and Aromatic Plants											
Nursery management											
Production and management technology	1	15	2	17	2	2	4	2	2	4	25
Post harvest technology and value addition											
III Soil Health and Fertility Management											
Soil fertility management	1	15	6	21	2	2	4	0	0	0	25
Soil and Water Conservation											
Integrated Nutrient Management	1	15	2	17	2	2	4	2	2	4	25
Production and use of organic inputs	1	9	10	19	2	2	4	1	1	2	25
Management of Problematic soils											
Micro nutrient deficiency in crops	1	15	2	17	2	2	4	2	2	4	25
Nutrient Use Efficiency	1	20	0	20	2	2	4	0	1	1	25
Soil and Water Testing	1	15	2	17	2	2	4	2	2	4	25
IV Livestock Production and Management											
Dairy Management	1	15	2	17	2	2	4	2	2	4	25
Poultry Management	1	12	0	12	6	0	6	7	0	7	25
Piggery Management	1	15	2	17	4	4	8	0	0	0	25
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	1	0	10	10	0	10	10	0	5	5	25
Designing and development for high nutrient efficiency diet	1	0	0	0	0	15	15	0	10	10	25
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	1	0	10	10	0	10	10	0	5	5	25
Rural Crafts											
Women and child care											
Family budgeting	1	0	10	10	0	5	5	0	10	10	25
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											
Production of bio control agents and bio pesticides											
VIII Fisheries											
Integrated fish farming	3	6	6	12	45	6	51	6	6	12	75
Carp breeding and hatchery management											
Carp fry and fingerling rearing											
Composite fish culture	3	45	6	51	10	4	14	8	2	10	75
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture											
Fish processing and value addition											
IX Production of Inputs at site											
Seed Production											
Planting material production	1	15	2	17	2	2	4	2	2	4	25
Bio-agents production											
Bio-pesticides production											
Bio-fertilizer production											
Vermicompost production	1	15	2	17	2	2	4	2	2	4	25
Other Organic manures production											
Production of fry and fingerlings											
Production of Bee-colonies and wax sheets											
Small tools and implements											
Production of livestock feed and fodder											
Production of Fish feed											
X Capacity Building and Group Dynamics											
Leadership development in villages											
Managing Group dynamics											
Formation and Management of SHGs											
Mobilization of social capital in villages											
Entrepreneurial development of farmers/youths											
WTO and IPR issues											
XI Agro-forestry											

Production technologies											
Nursery management											
Integrated Farming Systems											
XII Others (Pl. Specify)											
TOTAL	**35**	**420**	**96**	**514**	**125**	**96**	**221**	**68**	**72**	**140**	**850**
(B) RURAL YOUTH											
Mushroom Production											
Bee-keeping											
Integrated farming											
Seed production											
Production of organic inputs											
Integrated Farming											
Planting material production											
Vermiculture											
Sericulture											
Protected cultivation of vegetable crops											
Commercial fruit production											
Repair and maintenance of farm machinery and implements											
Nursery Management of Horticulture crops											
Training and pruning of orchards											
Value addition	3	45	6	51	10	4	14	8	2	10	75
Production of quality animal products											
Dairying											
Sheep and goat rearing											
Quail farming											
Piggery											
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											
Fry and fingerling rearing											
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching	2	0	20	20	0	20	20	0	10	10	50
Rural Crafts	1	0	10	10	0	10	10	0	5	5	25
TOTAL	**6**	**45**	**36**	**81**	**10**	**34**	**44**	**8**	**17**	**25**	**150**
(C) Extension Personnel											
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											

Consolidated table (On + Off + Sponsored + Vocational)

Thematic area	**Courses (No)**	**No. of participants**									
		Others			**SC**			**ST**			**Grand Total**
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**	
(A) Farmers & Farm Women											
I Crop Production											
Weed Management											
Nutrient Management											
Resource Conservation Technologies											
Cropping Systems	3	45	6	51	6	6	12	6	6	12	75
Crop Diversification	1	15	2	17	2	2	4	2	2	4	25
Integrated Farming systems	2	27	2	29	8	2	10	9	2	11	50
Water management	1	15	2	17	2	2	4	2	2	4	25
Seed production											
Nursery management											
Integrated Crop Management	1	15	2	17	2	2	4	2	2	4	25
Fodder production											
Production of organic inputs											
II Horticulture											
a) Vegetable Crops											
Production of low volume and high value crops	1	15	2	17	2	2	4	2	2	4	25
Off-season vegetables	1	12	0	12	6	0	6	7	0	7	25
Nursery raising	2	30	4	34	6	6	12	2	2	4	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											
Cultivation of Fruit crops	1	15	2	17	2	2	4	2	2	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	15	2	17	2	2	4	2	2	4	25
c) Ornamental Plants											
Nursery Management											
Management of potted plants											
Production of export potential ornamental plants	1	19	0	19	6	0	6	0	0	0	25
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	1	15	2	17	2	2	4	2	2	4	25
g) Medicinal and Aromatic Plants											
Nursery management											
Production and management technology	1	15	2	17	2	2	4	2	2	4	25
Post harvest technology and value addition											
III Soil Health and Fertility Management											
Soil fertility management	1	15	6	21	2	2	4	0	0	0	25
Soil and Water Conservation											
Integrated Nutrient Management	1	15	2	17	2	2	4	2	2	4	25
Production and use of organic inputs	1	9	10	19	2	2	4	1	1	2	25
Management of Problematic soils											
Micro nutrient deficiency in crops	1	15	2	17	2	2	4	2	2	4	25
Nutrient Use Efficiency	1	20	0	20	2	2	4	0	1	1	25
Soil and Water Testing	2	27	3	30	10	3	13	2	2	4	25
IV Livestock Production and Management											
Dairy Management	1	15	2	17	2	2	4	2	2	4	25
Poultry Management	1	12	0	12	6	0	6	7	0	7	25
Piggery Management	2	32	2	34	8	5	13	2	1	3	50
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	1	0	10	10	0	10	10	0	5	5	25
Designing and development for high nutrient efficiency diet	1	0	0	0	0	15	15	0	10	10	25
Minimization of nutrient loss in processing											
Gender mainstreaming through SHGs											
Storage loss minimization techniques	1	0	0	0	4	11	15	0	10	10	25
Value addition											
Income generation activities for empowerment of rural Women											
Location specific drudgery reduction technologies	1	0	10	10	0	10	10	0	5	5	25
Rural Crafts											
Women and child care	1	0	10	10	0	10	10	0	5	5	25
Family budgeting	1	0	10	10	0	5	5	0	10	10	25
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	1	15	2	17	2	2	4	2	2	4	25
Small scale processing and value addition											
Post Harvest Technologies											
VII Plant Protection											
Integrated Pest Management	1	15	2	17	4	4	8	0	0	0	25
Disease Management											
Bio-control of pests and diseases	1	13	2	15	4	4	8	2	0	2	25
Production of bio control agents and bio pesticides											
VIII Fisheries											
Integrated fish farming	3	6	6	12	45	6	51	6	6	12	75
Carp breeding and hatchery management											
Carp fry and fingerling rearing											
Composite fish culture	3	46	6	51	10	4	14	8	2	10	75
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture											
Fish processing and value addition											
IX Production of Inputs at site											
Seed Production											
Planting material production	1	15	2	17	2	2	4	2	2	4	25
Bio-agents production											
Bio-pesticides production											
Bio-fertilizer production											
Vermicompost production											

Other Organic manures production	1	15	2	17	2	2	4	2	2	4	25
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	1	4	0	4	2	13	15	2	4	6	25
Managing Group dynamics											
Formation and Management of SHGs	1	15	2	17	2	2	4	2	2	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											
XII Others (Pl. Specify)											
TOTAL	**47**	**557**	**119**	**675**	**161**	**150**	**311**	**84**	**102**	**186**	**1150**
(B) RURAL YOUTH											
Mushroom Production	1	9	2	11	4	8	12	0	3	3	25
Bee-keeping	1	2	2	4	15	2	17	2	2	4	25
Integrated farming											
Seed production											
Production of organic inputs	1	15	2	17	2	2	4	2	2	4	25
Integrated Farming											
Planting material production											
Vermiculture											
Sericulture											
Protected cultivation of vegetable crops											
Commercial fruit production											
Repair and maintenance of farm machinery and implements	1	17	2	19	2	2	4	0	0	0	25
Nursery Management of Horticulture crops											
Training and pruning of orchards											
Value addition	3	45	6	51	10	4	14	8	2	10	75
Production of quality animal products											
Dairying											
Sheep and goat rearing											
Quail farming											
Piggery											
Rabbit farming											
Poultry production											
Ornamental fisheries											
Training as Para vets											
Training as Para extension workers											

Composite fish culture	1	4	0	4	2	13	15	2	4	6	25
Freshwater prawn culture											
Fish harvest and processing technology											
Fry and fingerling rearing	1	4	0	4	2	13	15	2	4	6	25
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching	2	0	20	20	0	20	20	0	10	10	50
Rural Crafts	1	0	10	10	0	10	10	0	5	5	25
TOTAL	**12**	**96**	**44**	**140**	**37**	**74**	**111**	**16**	**32**	**48**	**300**
(C) Extension Personnel											
Productivity enhancement in field crops	1	10	0	10	8	0	8	7	0	7	25
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	1	12	0	12	6	0	6	7	0	7	25
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	**2**	**22**	**0**	**22**	**14**	**0**	**14**	**14**	**0**	**14**	**50**

Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants		
				Male	Female	Total

*training title should specify the major technology /skill transferred

Sponsored Training Programmes

No	Title	Thematic area	Month	Duration (days)	Client PF/RY /EF	No. of courses	No. of Participants										Sponsoring Agency
							Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
Total																	

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

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

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Rural Youth			Total		
		M	F	T	M	F	T	M	F	T	M	F	T
Field Day	10	650	250	850	25	0	25	125	50	175	700	300	1000
Kisan Mela	01	100	50	150	10	0	10	100	40	140	210	90	300
Kisan Gosthi													
Exhibition	01	250	150	300	20	0	20	220	50	280	500	200	700
Film Show													
Method Demonstrations													
Farmers Seminar													
Workshop													
Group meetings													
Lectures delivered as resource persons	05												
Newspaper coverage	10												
Radio talks	15												
TV talks													
Popular articles	12												
Extension Literature	10												
Advisory Services	15												
Scientific visit to farmers field	30												
Farmers visit to KVK	250												
Diagnostic visits	32												
Exposure visits	02	45	15	60	5	0	5	25	10	35	75	25	100
Ex-trainees Sammelan													
Soil health Camp	01	48	20	68	2	0	2	20	10	30	70	30	100
Animal Health Camp													
Agri mobile clinic													
Soil test campaigns													
Farm Science Club Conveners meet	02												50
Self Help Group Conveners meetings	05												200

Mahila Mandals Conveners meetings													
Celebration of important days (specify)													
Any Other (Specify)		200	80	280	10	0	10	40	30	70	250	110	360
Total	**401**	**1293**	**565**	**1708**	**72**	**0**	**72**	**530**	**190**	**730**	**1805**	**755**	**2560**

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	Paddy	Ranjit, Mahsuri, Bahadur	18	30600.00	
Oilseeds	Rapeseed	TS 38	10	38000.00	45
Pulses					
Vegetables					
Flower Crops					
Others (Specify)					

Planting materials

Sl. No.	Crop	Variety	Quantity (Nos.)	Value (Rs.)	To be provided to (No. of Farmers)
Fruits					
Spices	Blackpeeper	Panniyur 1	2000	7000	50
	Turmeric	Tall Clone	1 q	800	20
Vegetables					
Forest Species					
Ornamental Crops					
Plantation Crops					
Others (specify)					

Bioproducts

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

3						
4						
Biofertilizers						
1						
2						
3						
4						
Bio Pesticides						
1						
2						
3						
4						

Livestock

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

Fisheries						
Others (Specify)						

Literature proposed to be developed/ published

Item	Title	Number
Research papers		
Technical reports	Farmers' Participatory Action Research Project on Water Management: Final Report	4
News letters	KVK Newsletter	2
Technical bulletins		
Popular articles	Crop production and allied	10
Extension literature	Agriculture and allied	5
Others (Pl. specify)	Farm Magazine " Mrittika"	1
Total		**16**

Details of Electronic Media proposed

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

Field activities proposed

i. Number of villages to be adopted : 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 : Civil works completed, chemicals and equipments purchased

1. Year of establishment : 2008
2. Details of samples to be analyzed :

Details	No. of Samples	No. of Farmers	No. of Villages
Soil Samples	25	25	5
Water Samples	25	25	5
Total	50	50	10

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 and Fishery, Golaghat	ATMA, Training, demonstration, National Seed Project, Technology Mission on Horticulture
2. District Administration	Advisory service to District Level Task Force etc.
3. Department of Horticulture, AAU	Technology Mission, Plasticulture Development (PFDC), Precision Farming, DBT Project on Quality Planting material generation
4. Sugarcane Res. Station, Buralickson	Training, OFT, Demonstration
5. Leading NGOs	Training, Survey

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.)
Farmers' Participatory Action Research Project on Water Management	Oct., 08	Ministry of Water Resources, GoI and AICRP on Water Management, AAU	

Details of proposed linkage with ATMA

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

S. No.	Programme	Nature of linkage proposed
1	Training	Resource person
2	Exposure visit	Funding

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

S. No.	Programme	Nature of linkage proposed

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

S. No.	Programme	Nature of linkage proposed

PART – VI
(PERFORMANCE OF INFRASTRUCTURE)

6. Performance of infrastructure in KVK

Proposed utilization of demonstration units (other than instructional farm)

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

Proposed utilization of instructional farm (Crops) including seed production

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	Paddy		1.0	Ranjit	Seed	18	11150.00	30600.00
				Mahsuri	Seed			
				Bahadur	Seed			
Pulses								
Oilseeds	Rapeseed		2.0	TS 38	Seed	10	13700.00	38000.00
Fibers								
Spices	Black pepper		0.01	Panniyur 1	Cuttings	2000	7000.00	
	Turmeric		0.10	Tall Clone	Seed rhizome	1.5	1050.00	
Plantation crops								
Floriculture								
Fruits								
Vegetables								
Others (Specify)								

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

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

Performance of instructional farm (livestock and fisheries production)

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

PART – VII
(SUMMARY)

7. Summary

Targets for 2008-09 for KVK, GOLAGHAT

On Farm Trials

Thematic areas	Cereals	Pulses	Vegetables	Fruits	Total
Varietal Evaluation	2				
Integrated Nutrient Management					
Integrated Pest Management	2				
Biofertilisers					
Water Management					
Fisheries	2				
Animal Science					
Others (Soil Fertility Mgt, Home Sc. Etc)	1			1	
Grand total	**7**			**1**	**8**

FLDs on oilseed and pulse crops

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

Training programmes

Area	Farmers/ farm women		Rural youth		Extension personnel	
	Courses	Participants	Courses	Participants	Courses	Participants
Crop Production						
Horticulture						
Plant Protection						
Home Science						
Animal Science						
Soil Science						
Agril Engineering						
Bee Keeping						
Mushroom Cultivation						
Agro forestry						
Others						
Total						

Extension Activities

Activity	Nos
Field days	10
Kisan Mela	01
Exhibition	01
Exposure visit	02
Extension literature	10
Scientist farmers' interaction	06
Ex-trainees meet	01
Advisory services	50
Newspaper coverage	
TV show	
Radio talk	15
Farm Science club conveners meet	02
Self Help Group conveners meet	05
Any Other (Specify)	
Total	**103**

Seed Production

KVK	Quantity (qtl)			
	Cereals	Oilseeds	Pulses	Vegetables
Total				

Planting Materials

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

Signature,
Programme Coordinator,
KVK, GOLAGHAT