

PROFORMA FOR ANNUAL REPORT**1. GENERAL INFORMATION ABOUT THE KVK****1.1. Name and address of KVK with phone, fax and e-mail**

KVK	Postal Address with Pin code	Telephone			E mail
		STD	Office	FAX	
KVK, Jajpur	Krishi Vigyan Kendra At / Po – Barachana District – Jajpur Pin code – 754081	06725	220005	220005	jajpurkvk@yahoo.co.in

1.2 .Name and address of host organization with phone, fax and e-mail

Host Institute name	Postal Address with Pin code	Telephone			E mail
		STD	Office	FAX	
O.U.A.T	Orissa University of Agriculture and Technology, Bhubaneswar – 751003, Orissa	0674		2407780	vcouat@indiatimes.com

1.3. Name of the Programme Coordinator with phone & mobile No

Name	Telephone / Contact		
	Residence	Mobile	Email
Sri Manoranjan Mohapatra		9937566613	

1.4. Year of sanction: June, 2002

1.5. Staff Position

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline with highest degree	Pay Scale with present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
1	1	Mr. Manoranjan Mohapatra	Programme Coordinator (I/C)	MSc. (Ag)	8000-13500 8825	31.05.09	Permanent	Others
2	1	Mrs. Pramila Naik	Subject Matter Specialist Agronomy	MSc. (Ag)	8000-13500 8550	01.03.2006	Contractual	SC
3	1	Mr. Dayanidhi Mishra	Subject Matter Specialist Plant Breeding & Genetics	MSc. (Ag)	8000-13500 8825	17.02.2006	Permanent	Others
4	1	Mrs. Pravasini Behera	Subject Matter Specialist Plant Protection	MSc. (Ag)	8000-13500 8825	26.06.2007	Contractual	Others
5	1	Mrs. Dharitri Patra	Subject Matter Specialist Home Science	MSc. (HSc)	8000-13500 9100	27.06.2007	Contractual	Others
6	1	Mrs. Anita Mohanty	Subject Matter Specialist Horticulture	MSc. (Ag)	8000-13500 8825	19.07.2006	Contractual	Others
7	1	Mrs. Puspanjali Mishra	Programme Assistant Computer	B.A.(Hons), 'A' Lebel(DOEACC)	5500-8000 5850	13.07.2007	Contractual	Others
8	1	-	Programme Assistant					
9	1	Mr. Dibya Sundar Kar	Farm Manager Horticulture	MSc. (Ag)	5500-8000 5850	21.08.2006	Contractual	Others
10	1	-	Section Officer	-				
11	1	Mr. Sanjay Kumar Swain	Steno cum Computer Operator	B.Com.(Hons.)	4000-6000 4200	09.10.2006	Contractual	Others
12	1	Mr. Sanjay Kuman Panda	Driver cum Mechanic	-	3050-4590 3125	30.07.2008	Contractual	Others
13	1	Mr. Pravat Kumar Naik	Driver cum Mechanic	-	3050-4590 3125	25.07.2007	Consolidated	SC
14	1	Mr. Karunakar Singh	Peon cum Watchman	-	2550	28.07.2008	Consolidated	Others
15	1	Mr Akshaya Kumar Swain	Peon cum Watchman	-	2550	28.07.2008	Contractual	Others

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	3.0
2	Under Demonstration Units	0.5
3	Under Crops	9
4	Orchard/Agro-forestry	-
5	Others	5.5

1.7. Infrastructural Development:**A) Buildings**

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Admin. Building	Nil						Not yet constructed
2.	Farmers Hostel	ICAR	31.03.07	1100	20,00000			Completed
3.	Staff Quarters (6)	Govt. of Orissa						
4.	Demo. Units (2)	Nil						
5	Fencing	ICAR	2005 – 06					Completed
6	Rain Water harvesting system	Nil						
7	Threshing floor	Handed over by Govt. of Orissa						Uncovered
8	Farm godown	Nil						

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tata Sumo	2005	5,00,000		Working
Tractor	2005	3,74,233		Working

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
OHP projector	2004 – 05	29,050	Working
LCD Projector	2006 – 07	44,710	Working
Laptop	2006 – 07	48,900	Working

1.8. A). Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken
1.	23.12.2008	23	1. Organic Production of Ginger & Turmeric and popularization of summer tomato.	Included in FLD.
			2. Nursery in each adopted village for production of planting material.	Nursery already established in two villages
			3. Soil test before conducting OFTs and FLDs	Soil testing have been undertaken.
			4. To repeat the OFT on paddy variety Manaswini in five adopted villages to assess the performance of the variety	Included in OFT as per the recommendation.
			5. Rice variety Geetanjali should be tried in OFT.	Included in OFT as per the recommendation.
			6. Emphasis on buy back system of maize seeds	Facilitation buy back system created.
			7. Marketing of local Sitabhog scented rice after grading and packaging for getting better market price	Farmers association are taking necessary steps as advised by KVK
			8. Use Trichocard in Sugarcane to assess the disease and pest incidence.	Action has already been taken in the village Achyutpur, Ratanpur.
			9. Facilitate exposure visit of farmers of Horticulture department.	Action to be taken after consultation with Department of Horticulture
			9. CDVO, Jajpur and Asst. Director Fisheries, Jajpur to assist KVK, scientist for conducting activities in their respective disciplines	Action has already been initiated for conducting activities in association with CDVO and ADF, Jajpur.
			10. Project for livelihood security for Women in Agriculture after identifying the problems faced by the women farming community of the district.	To be submitted to the Dean, Extension Education<lt OUAT
			11. To form more number of farm science clubs in the villages previously adopted by KVK.	Five numbers of farm science clubs have already been recognized by NABARD. The process for another two farm science clubs is on for recognition.
			12. On pond based farming system approach in the district for better return	One pond based farming system approach have ben initiated at Achyutpur.

*** Attach a copy of SAC proceedings along with list of participants**

2. DETAILS OF DISTRICT (2007-08)

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise
1.	Rainfed
	Upland: Rice / groundnut, poultry, goatary
	Medium land: Rice – pulse / vegetables, animal husbandry
	Low land: Jute – black gram / green gram, fish
2.	Irrigated
	Upland: Rice / groundnut – sugarcane, poultry, goatary
	Medium land: Rice / groundnut – wheat / vegetables, animal husbandry
	Low land: Jute – Rice – Rice / vegetables / groundnut, fish

2.2 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

S. No	Agro-climatic Zone	Characteristics
1.	North Eastern Coastal Plain agroclimatic zone Mid central table land	The district comes under two agro climatic zone North Eastern Coastal Plain agroclimatic zone and Mid central table land basing on the altitude, soil type, rainfall, topography and farming system..

S. No	Agro ecological situation	Characteristics
1.	Low lying flood prone	Alluvial soil
2.	Saline soil	Saline soil alluvial
3.	Red laterite	Alluvial red laterite soil
4.	Alluvial rainfed	Alluvial red laterite soil
5.	River valley alluvia	Medium rain fall
6.	Light laterite soil	High rainfall

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Acidic – 95%, Neutral-5% Soil types found in the district : Red soil, laterite soil, Alluvial soil.	Org.C-1.60, Avg.P-1.94 Avg. K-1.92 Zn-0.40-2.56 (33% def) Mo deficiency-100% B deficiency-65%	

2.4. Area, Production and Productivity of major crops cultivated in the district

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
1.	Paddy	1318	24603	18.67
2.	Maize	47	220	4.68
3.	Green gram	10385	25755	2.48
4.	Black gram	7221	17590	2.44
5.	Horse gram	963	2184	2.27
6.	Groundnut	11539	190731	16.53
7.	Potato	263	37335	141.96
8.	Jute	382	3740	9.79
9.	Sugarcane	170	57562	338.6

2.5. Weather data

Month	Rainfall (mm)	Temperature ° C		Relative Humidity (%)
		Maximum	Minimum	
April,08	29			
May,08	74			
June,08	382			
July,08	135			
August,08	335			
September,08	385			
November,08	Nil			
December ,08	Nil			
January,09	Nil			
February,09	Nil			
March,09	Nil			

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	Population	Production
Cattle		
Crossbred	19507	8,660 MT
Indigenous	613301	13,260 MT
Buffalo	11996	2,470 MT
Sheep		
Crossbred	36	
<i>Indigenous</i>	38265	391.341 MT
Goats	273291	1393.119 MT
Pigs		
Crossbred	27	
Indigenous	5258	194.848 MT
Rabbits		
Poultry		
Hens		
<i>Desi</i>	400482	199190
Improved	134984	792100
Ducks		
Turkey and others		
Fish		
Marine		
Inland		4518.86 MT
Prawn		
Scampi		
Shrimp		

2.6 Details of Operational area / Villages (208-09)

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Darpan	Dharmasala	Achyutpur	Paddy, vegetables, dairy, goatery	Unavailability of quality seeds in time, improper package of practices, lack of knowledge and skill on agri business approaches.	Improve the production and productivity of different existing crops. Increase family income through different enterprise.
2	Darpan	Barchana	Barchana	Paddy, pulse, animal husbandry, poultry, fishery.	Production and productivity of different crops are low due to use of local varieties susceptible to diseases and pests and natural calamities like flood resulting in low household income. Lack of knowledge in market driven enterprises.	Increase the production and productivity of paddy, pulse. Facilitation for income generation activities.
3	Darpan	Barchana	Hatakaranda	Paddy, jute, vegetables, animal husbandry.	Low yield of paddy due to use of varieties susceptible to flood. Distress sale of vegetables, lack of knowledge regarding improved practices of dairying.	Cultivation of vegetables as an enterprise. Dairying and other income generating activity.
4	Darpan	Rasulpur	Singhapur	Paddy, jute, vegetables, animal husbandry.	Low yield of paddy due to use of varieties susceptible to flood. Unemployment problem.	Varietal substitution in different crops. Training and demonstration on income generating activities.
5	Jajpur town	Korai	Talugaon	Paddy, vegetables, animal husbandry.	Use of susceptible varieties affects the production and productivity. Unemployment problem.	Income generating activities on different enterprise to be introduced.

2.7 Priority thrust areas

S. No	Thrust area
1.	Varietal substitution in field and horticultural crops.
2.	Off-season vegetable cultivation.
3.	Popularization of energy rich, high value and cash crops.
4.	Commercial cultivation of fruit, flowers, medicinal and aromatic crops.
5.	Production of quality seed and planting materials in different major crops of the district.
6.	Improved crop management practices in cereals, pulses, vegetables and cash crops.
7.	Post harvest technology and value addition of cereals, pulses, oil seeds, vegetables and fruits.
8.	Farm resource management.
9.	Insect pest disease management.
10.	Drudgery reduction through use of farm implements.
11.	Creating avenues for self employment through entrepreneurship development.
12.	Family food and nutritional security.
13.	Production and management of organic input.
14.	Farm mechanization
15.	Soil and water conservation.
16.	Disaster management
17.	Control of pollution and health hazards.
18.	Protected cultivation and precession farming.
19.	Poultry, duckery, goatery and dairy farming.
20.	Fresh water aquaculture.
21.	ITK and its refinement

3. TECHNICAL ACHIEVEMENTS

3.1. A. Abstract of interventions undertaken

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.

3.1. B. Conversion of OFT into FLDs during 2007-08

Thematic Area	Title of OFT	Year of execution

3.1. C. Details of each On Farm Trial to be furnished in the following format

OFT : 1		
1	Title of on-farm trials	Assessment of micronutrient (Zinc) in Kharif rice.
2	Problem diagnose	Farmers are not aware about micronutrient deficiency in Paddy which results low yield.
3	Details of technologies selected for assessment/refinement	T ₁ - Farmers practice (80:40:40 kg NPK/ha no zinc) T ₂ - Zinc sulphate @ 25 kg/ha at sowing/transplanting.
4	Source of technology	OUAT, 2005
5	Production system	Rice -Vegetable -Rice
6	Thematic area	Integrated Crop Management
7	Micro farming situations	Kharif rainfed medium land
8	Performance of the Technology with performance indicators	Technical observation : Yield/ha, No. of grains / pannicle Economic indicators: Additional return, C: B ratio Farmers reaction Performance of the variety, Availability of seeds Feedback Feedback for research, Feedback extension system
9	Final recommendation for micro level situation	
10	Constraints identified and feedback for research	
11	Process of farmers participation and their reaction	Mass meeting, Group discussion, field visit and training.

3.1.D. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Paddy	Rainfed	Farmers are not aware about micronutrient deficiency in Paddy which results low yield.	Assessment of micronutrient (Zinc) in Kharif rice.	10	T ₁ - Farmers practice (80:40:40 kg NPK/ha no zinc) T ₂ – Zinc sulphate @ 25 kg/ha at sowing/transplanting.	Yield/ha, No. of grains / pannicle, Additional return, C: B ratio, Performance of the variety, Availability of seeds, Feedback for research, Feedback extension system.

** No. of farmers*

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
Yield	48.0 q/ha			

Technology Assessed / Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**	42.0q/ha	16,100	2.2
Technology assessed**	48.0q/ha	19,650	
Technology refined**			

**Field crops – kg/ha, * for horticultural crops -= kg or t / ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.*

*** Give details of the technology assessed or refined and farmer's practice*

3. TECHNICAL ACHIEVEMENTS

3.1. A. Abstract of interventions undertaken

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.

3.1. B. Conversion of OFT into FLDs during 2007-08

Thematic Area	Title of OFT	Year of execution

3.1. C. Details of each On Farm Trial to be furnished in the following format

OFT : 2		
1	Title of on-farm trials	Assessment of SRI method of rice cultivation
2	Problem diagnose	Low yield due to traditional method of cultivation practices.
3	Details of technologies selected for assessment/refinement	T ₁ - Farmers practice (traditional method) T ₂ – SRI method of rice cultivation.
4	Source of technology	ANGRAU, 2006
5	Production system	Paddy – Paddy
6	Thematic area	Integrated Crop Management
7	Micro farming situations	Irrigated medium land
8	Performance of the Technology with performance indicators	Technical observation : Yield/ha Economic indicators: Additional return C: B ratio Farmers reaction Performance of the variety Feedback Feedback for research, Feedback extension system
9	Final recommendation for micro level situation	
10	Constraints identified and feedback for research	Labourers are not accustomed with new skills so labour input is high
11	Process of farmers participation and their reaction	Mass meeting, Group discussion, field visit and training.

3.1.D. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Paddy	Irrigated	Low yield due to traditional method of cultivation practices.	Assessment of SRI method of rice cultivation	10	T ₁ - Farmers practice (traditional method) T ₂ – SRI method of rice cultivation.	Yield/ha, No. of grains / pannicle, Additional return, C: B ratio, Performance of the variety, Availability of seeds, Feedback for research, Feedback extension system.

** No. of farmers*

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
Yield	37.4q/ha	Good yield		
No. of tillers/hill	20			

Technology Assessed / Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**	2500 kg/ha	8,000	1.66
Technology assessed**	3740 kg/ha	14,400	1.93
Technology refined**			

**Field crops – kg/ha, * for horticultural crops -= kg or t / ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.*

*** Give details of the technology assessed or refined and farmer's practice*

3. TECHNICAL ACHIEVEMENTS

3.1. A. Abstract of interventions undertaken

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.

3.1. B. Conversion of OFT into FLDs during 2007-08

Thematic Area	Title of OFT	Year of execution

3.1. C. Details of each On Farm Trial to be furnished in the following format

OFT : 3		
1	Title of on-farm trials	Assessment of suitable cropping system
2	Problem diagnose	Farmers are not aware about the suitable cropping system which gives low return.
3	Details of technologies selected for assessment/refinement	T ₁ - Farmers practice (paddy-groundnut-vegetables) T ₂ – Paddy-maize-green gram.
4	Source of technology	OUAT,2007
5	Production system	Cropping systems
6	Thematic area	Integrated Crop Management
7	Micro farming situations	Irrigated medium land
8	Performance of the Technology with performance indicators	Technical observation : Grain Yield Economic indicators: Additional return C: B ratio Farmers reaction Performance of the individual crops Feedback Feedback for research, Feedback extension system
9	Final recommendation for micro level situation	
10	Constraints identified and feedback for research	
11	Process of farmers participation and their reaction	Mass meeting, Group discussion, field visit and training.

3.1.D. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Cropping system	Irrigated	Farmers are not aware about the suitable cropping system which gives low return.	Assessment of suitable cropping system	05	T ₁ - Farmers practice (paddy-groundnut-vegetables) T ₂ – Paddy-maize-green gram.	Grain yield/, Additional return, C: B ratio, Performance of the individual crops Feedback for research, Feedback extension system.

*** No. of farmers**

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
Yield	Result awaited			

Technology Assessed / Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**			
Technology assessed**			
Technology refined**			

***Field crops – kg/ha, * for horticultural crops -= kg or t / ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.**

**** Give details of the technology assessed or refined and farmer's practice**

3. TECHNICAL ACHIEVEMENTS

3.1. A. Abstract of interventions undertaken

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1	Varietal substitution	Paddy	Low yield (20-22q/ha) and long duration (160-165 days) of local aromatic variety "Sitabhog"	Assessment of aromatic rice variety Ketakijoha under low land ecosystem.	-	1. Production of quality aromatic rice. 2. Quality seed production in paddy.		Group discussion, training, field visits	Seeds
2	Varietal substitution	Paddy	Low yield (30-35q/ha) of existing variety Lalat	Assessment of rice variety Manaswini under medium land ecosystem.	-	2. Quality seed production in paddy.		Group discussion, training, field visits	Seeds

3.1. B. Conversion of OFT into FLDs during 2007-08

Thematic Area	Title of OFT	Year of execution
Integrated crop management/ Varietal substitution	1. Assessment of aromatic rice variety Ketakijoha under low land ecosystem.	2008-09

3.1. C. Details of each On Farm Trial to be furnished in the following format

OFT : 4		
1	Title of on-farm trials	Assessment of aromatic rice variety Ketakijoha under low land ecosystem.
2	Problem diagnose	Low yield (20 -22q/ha) and long duration (160-165 days) of local aromatic variety "Sitabhog"
3	Details of technologies selected for assessment/refinement	T ₁ - Farmers variety (Sitabhog) T ₂ – Ketakijoha
4	Source of technology	CRRI, Cuttack, 2005
5	Production system	Paddy-pulse
6	Thematic area	Integrated Crop Management / Varietal substitution
7	Micro farming situations	Rainfed shallow low land
8	Performance of the Technology with performance indicators	Technical observation : Yield Insect pest and disease incidence Economic indicators: Additional return C: B ratio Farmers reaction Performance of the variety Availability of seeds Feedback For research For extension system
9	Final recommendation for micro level situation	The variety is suitable for early planting in shallow low land paddy ecosystem.
10	Constraints identified and feedback for research	Some awn plants emerge in the main field and creates confusion in screening.
11	Process of farmers participation and their reaction	Mass meeting, Group discussion, field visit and training.

3.1.D. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Paddy	Rainfed shallow low land	Low yield (20-22 q/ha) and long duration (160-165 days) of local aromatic variety “Sitabhog”	Assessment of aromatic rice variety Ketakijoha under low land ecosystem.	05	T ₁ - Farmers variety (Sitabhog) T ₂ – Ketakijoha	Yield ,Insect pest and disease incidence Additional return, C: B ratio, Performance of the variety, Availability of seeds

*** No. of farmers**

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
Yield	3840 kg/ha	Yield is more		
Insect pest and disease incidence	Stem borer attack is more			
Duration	145 days			
Additional return	16,000.00			
Performance of the variety	Good			
Availability of seeds	Available in Govt. sale centres & KVK			
Feedback for research	Awn plants emerge in the field			
Feedback for extension	Awareness among farmers.			

Technology Assessed / Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**	2200 kg/ha	9,100	1.52
Technology assessed**	3840 kg/ha	25,000	2.43
Technology refined**			

***Field crops – kg/ha, * for horticultural crops -= kg or t / ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.**

**** Give details of the technology assessed or refined and farmer's practice**

3.1. C. Details of each On Farm Trial to be furnished in the following format

OFT : 5		
1	Title of on-farm trials	Assessment of rice variety Manaswini under medium land ecosystem.
2	Problem diagnose	Low yield (30-35q/ha) of existing variety Lalat.
3	Details of technologies selected for assessment/refinement	T ₁ - Farmers variety (Lalat) T ₂ – Manaswini
4	Source of technology	OUAT,2008
5	Production system	Paddy – pulse
6	Thematic area	Integrated Crop Management / Varietal substitution
7	Micro farming situations	Rainfed medium land
8	Performance of the Technology with performance indicators	Technical observation : Yield Insect pest and disease incidence Economic indicators: Additional return C: B ratio Farmers reaction Performance of the variety Availability of seeds Feedback For research For extension system
9	Final recommendation for micro level situation	The variety is suitable for early planting in medium land both in rainfed and irrigated paddy ecosystem.
10	Constraints identified and feedback for research	The plants lodged in the field.
11	Process of farmers participation and their reaction	Mass meeting, Group discussion.

3.1.D. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Paddy	Rainfed medium land	Low yield (30-35 q/ha) of existing variety Lalat.	Assessment of rice variety Manaswini under medium land ecosystem.	05	T ₁ - Farmers variety (Lalat) T ₂ -Manaswini	Yield ,Insect pest and disease incidence Additional return,C: B ratio,Performance of the variety, Availability of seeds

*** No. of farmers**

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
Yield	3800 kg/ha	Yield is more		
Insect pest and disease incidence	Attack below ETL for major insect pests			
Duration	128 days			
Additional return	Rs.2,400.00			
Performance of the variety	Good			
Availability of the seeds	Available in sale centers & KVK			
Feedback for research	Susceptible to lodging			
Feedback for extension	Suitable alternative to Lalat			

Technology Assessed / Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**	3500 kg/ha	10,500	1.80
Technology assessed**	3800 kg/ha	12,900	2.17
Technology refined**			

***Field crops – kg/ha, * for horticultural crops -= kg or t / ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.**

**** Give details of the technology assessed or refined and farmer's practice**

3. TECHNICAL ACHIEVEMENTS

3.1. A. Abstract of interventions undertaken

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1	Commercial cultivation of fruit, flower, medicinal and aromatic crops.	Papaya	Low yield due to use of local variety tall variety prone to wind in fruiting stage		Cultivation of high yielding papaya	Package and practices for short duration crops.			
2	Varietal substitution in field and horticultural crops	Elephant foot yam	Low yield due to lack of knowledge on practices		Cultivation of elephant foot yam Gajendra	Package and practices of tropical tuber crops			
3	Varietal substitution in field and horticultural crops	Onion	Low yield due to use of multiplex onion		Popularization of bulb onion in Rabi season	Agrotechnique of onion cultivation			
4	Varietal substitution in field and horticultural crops	Ginger	Low yield due to growing of local variety in flat beds without mulching.	Assessment of ginger variety suprava		Package and practices of ginger and turmeric.		Organic vegetable cultivation	

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
5	Varietal substitution in field and horticultural crops	Parwal		Assessment of parwal variety swarna alokika		Package and practices of parwal and standardization			
6	Offseason vegetable cultivation	Tomato	Market price in peak time.		Assessmet of hybrid tomato in summer season.	Offseason vegetable cultivation.			Seedling
7	Popularization of energy rich high value cash crops	Capsicum	Low return from traditional vegetable cultivation		Cultivation of high value capsicum	Cultivation of high value vegetable crops.			Seedling

3.1. B. Conversion of OFT into FLDs during 2007-08

Thematic Area	Title of OFT	Year of execution
Off season vegetable	Assessment of tomato variety Arka Annanya in summer season	2008-09

3.1. C. Details of each On Farm Trial to be furnished in the following format

OFT : 6		
1	Title of on-farm trials	Assessment of parwal variety Swarna Aloukika
2	Problem diagnose	Use of unidentified variety of with improper male: female ratio results in low yield of parwal.
3	Details of technologies selected for assessment/refinement	T ₁ - Farmers variety(un identified variety with local practice) T ₂ – Parwal variety Swarna Aloukika in trailing system with proper male: female ratio, application of micronutrient.
4	Source of technology	IIHR, 2005
5	Production system	Paddy-Vegetable
6	Thematic area	Production and management technology in vegetable.
7	Micro farming situations	Irrigated medium land
8	Performance of the Technology with performance indicators	Technical Observation Fruit yield and No. of fruit / plant Economic indicators Average fruit weight, Additional return, B:C ratio Farmers reaction Performance of variety, Availability of Planting material and incidence of disease and insect pest. Feed back For research For extension system.
9	Final recommendation for micro level situation	
10	Constraints identified and feedback for research	
11	Process of farmers participation and their reaction	Mass meeting , group discussion

3.1.D. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Parwal	Irrigated medium land	Use of unidentified variety of with improper male: female ratio results in low yield of parwal.	Assessment of parwal variety Swarna Aloukika	5	T ₁ - Farmers variety (un identified variety with local practice) T ₂ – Parwal variety Swarna Aloukika in trailing system with proper male: female ratio, application of micronutrient.	Fruit yield and No. of fruit / plant Average fruit weight, Additional return, B:C ratio Performance of variety, Availability of Planting material and incidence of disease and insect pest. For research For extension system.

*** No. of farmers**

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
Yield		Crop is in fruiting stage		
No. of fruits / plant				
Average fruit weight				

Technology Assessed / Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**	170	41,480	
Technology assessed**	280	69,600	1.40
Technology refined**			

***Field crops – kg/ha, * for horticultural crops -= kg or t / ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.**

**** Give details of the technology assessed or refined and farmer's practice**

3.1. C. Details of each On Farm Trial to be furnished in the following format

OFT : 7		
1	Title of on-farm trials	Assessment of Ginger variety Suprava.
2	Problem diagnose	Low yield due to growing of indigenous variety in flat beds with poor disease and nutrient management practices and without mulching seed treatment.
3	Details of technologies selected for assessment/refinement	T1 - Farmers practice (unidentified variety with local practice) T2 –Ginger variety Suprava to be planted in raised bed after seed treatment with proper mulching and RDF application.
4	Source of technology	OUAT, 1991
5	Production system	Paddy-Vegetable
6	Thematic area	Production and management technology in vegetable
7	Micro farming situations	
8	Performance of the Technology with performance indicators	Technical observation : Rhizome yield, Wt/cluster. Economic indicators: Additional return, C: B ratio Farmers reaction: Performance of the variety, Availability of seed, Disease and pest incidence. Feedback : For research and For extension system.
9	Final recommendation for micro level situation	Suitable for medium land in place of local ginger.
10	Constraints identified and feedback for research	This particular variety is procured from AIRS Pottangi with high seed rate.
11	Process of farmers participation and their reaction	Group meeting, trainings and field visit. Farmers expressed their interest to replace their low yield unidentified variety with introduced variety Suprava with RDF and raised bed technology.

3.1.D. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Ginger	Rainfed	Low yield due to growing of indigenous variety in flat beds with poor disease and nutrient management practices and without mulching seed treatment.	Assessment of Ginger variety Suprava.	05	Assessment of Ginger variety Suprava with proper management practices.	Rhizome yield, Wt/ cluster, Additional return, C: B ratio, Performance of the variety, Availability of seed, Disease and pest incidence, For research and For extension system

*** No. of farmers**

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
Yield	130q/ha	Good yield with low fibre content and good smell		

Technology Assessed / Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**	70q/ha	90,530	1.2:1
Technology assessed**	130q/ha	1,70,000	2:1
Technology refined**			

***Field crops – kg/ha, * for horticultural crops -= kg or t / ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.**

**** Give details of the technology assessed or refined and farmer's practice**

3. TECHNICAL ACHIEVEMENTS

3.1. A. Abstract of interventions undertaken

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1	Insect pest and disease management	Tomato	Low yield due to severe attack of fruit borer.	Assessment of HaNPV & BT for controlling of fruit borer.		Insect pest and disease management in solanaceous vegetable			
2	Insect pest and disease management		Low yield due to wilting and attack of early blight		Integrated disease management in tomato	Insect pest and disease management in solanaceous vegetable		Field day	
3	Insect pest and disease management	Green gram	Low yield due to severe attack of YMV in plant.		IDM of YMV in green gram	Management of insect pest & diseases in pulses (Green gram, Black gram and Arhar)		Field day	

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
4	Insect pest and disease management	Paddy	Reduction of yield and return due to heavy infestation of insect pest. Decrease in plant population per unit area due to diseases infestation.	Assessment of IDM in blast in kharif rice	1.Stem borer management in paddy.	Major insect,pest & diseases of Kharif Paddy & their mang	.Physical and cultural control are the major tools for IPM.	Field day	
5	Insect pest and disease management	Jute	Reduction of yield and return due to heavy wilting of plants in field.		Integrated wilt management in jute	Important diseases & Insect pest of Jute & their management			

OFT : 9		
1	Title of on-farm trials	Management of sheath blight in kharif rice.
2	Problem diagnose	Low yield of rice due to high incidence of sheath blight.
3	Details of technologies selected for assessment/refinement	T1 - Farmers practice (spraying of carbendazim) T2 -Summer ploughing + seed treatment with Bavistin @ 2gm/kg + spray of hexaconazole 5% EC @ 500ml/ha
4	Source of technology	OUAT, 2006 – 07
5	Production system	Paddy – Paddy
6	Thematic area	Integrated disease management
7	Micro farming situations	
8	Performance of the Technology with performance indicators	Technical observation : Grain yield and disease incidence Economic indicators: Additional return,C: B ratio Farmers reaction Performance of technology, Availability of inputs, Disease incidence Feedback For research, For extension system
9	Final recommendation for micro level situation	Kharif rainfed medium land
10	Constraints identified and feedback for research	Farmers are not aware of the type of pesticides to be used for controlling a particular disease mostly they use pesticides indiscriminately
11	Process of farmers participation and their reaction	Group meeting, trainings and field visit.

3.1.D. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Paddy	Rainfed	Low yield of rice due to high incidence of sheath blight.	Management of sheath blight in kharif rice.	10	Summer ploughing + seed treatment with Bavistin @ 2gm/kg + spray of hexaconazole 5% EC @ 500ml/ha	Grain yield and disease incidence, Additional return, C: B ratio, Performance of technology, Availability of inputs, Disease incidence, For research, For extension system

*** No. of farmers**

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
Yield	48q/ha	Farmers appreciated the technology		
Disease incidence	6-8%			
Increase in yield	20%			
Additional return	3,100			

Technology Assessed / Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**	40q/ha	13,000	1.86
Technology assessed**	48q/ha	16,100	1.92
Technology refined**			

***Field crops – kg/ha, * for horticultural crops -= kg or t / ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.**

**** Give details of the technology assessed or refined and farmer's practice**

3.1. B. Conversion of OFT into FLDs during 2007-08

Thematic Area	Title of OFT	Year of execution
IDM	Assessment of sheath blight in kharif rice	2008

3.1. C. Details of each On Farm Trial to be furnished in the following format

OFT : 8		
1	Title of on-farm trials	Assessment of HaNPV & BT in controlling of fruit borer in tomato.
2	Problem diagnose	Low yield of tomato due to high infestation of fruit borer.
3	Details of technologies selected for assessment/refinement	T ₁ - Farmers practice (indiscriminate use of pesticides) T ₂ – Alternate three spraying each of <i>HaNPV</i> @ 250 LE/ha and BT @ 1.5 kg/ha
4	Source of technology	OUAT, 2003
5	Production system	Paddy – vegetable
6	Thematic area	IPM
7	Micro farming situations	Rabi mid land irrigated
8	Performance of the Technology with performance indicators	Technical observation : Fruit yield and incidence of pests Percentage of infested fruits. Economic indicators: Additional return C: B ratio Farmers reaction Performance of technology Feedback For research For extension system

9	Final recommendation for micro level situation	Rabi- irrigated medium land
10	Constraints identified and feedback for research	Unavailability of NPV in local market
11	Process of farmers participation and their reaction	Group meetings, discussion with farmers, training

3.1.D. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Tomato	Paddy vegetable	Low yield of tomato due to high infestation of fruit borer.	Assessment of HaNPV & BT in controlling of fruit borer in tomato.	10	Alternate three spraying each of HaNPV @ 250 LE/ha and BT @ 1.5 kg/ha	Fruit yield and incidence of pests, Percentage of infested fruits. Additional return, C: B ratio Performance of technology For research, For extension system

*** No. of farmers**

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
Yield	405.6q/ha	Farmers appreciated the technology.		
Increase in yield	17.8%			
Percentage of infestation	6-8%			
Additional return	Rs.33525.00			

Technology Assessed / Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**	345q/ha	32925	1.73:1
Technology assessed**	406.5q/ha	66550	2.2:1

Technology refined**			
----------------------	--	--	--

**Field crops – kg/ha, * for horticultural crops -= kg or t / ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.*

*** Give details of the technology assessed or refined and farmer's practice*

3.1. C. Details of each On Farm Trial to be furnished in the following format

OFT : 9		
1	Title of on-farm trials	Assessment of IDM for blast in rice
2	Problem diagnose	Low yield of rice due to high incidence of blast in rice.
3	Details of technologies selected for assessment/refinement	T1 - Farmers practice (spraying of carbendazim) T2 -Seed treatment with Carbendazim @ 2gm./kg. before 7 days of sowing, seed soaking with Streptocyclin @ 1gm./10ltr of water before 1 day of sowing spray Trochoderma Viridae @ 2.5kg./ha. In nursery, Spray of edifenphos @ 500ml/ha at tillering & tricyclazole @500ml/ha at panicle initiation stage
4	Source of technology	OUAT, 2000
5	Production system	Paddy – Paddy
6	Thematic area	Integrated disease management
7	Micro farming situations	
8	Performance of the Technology with performance indicators	Technical observation : Grain yield and disease incidence Economic indicators: Additional return,C: B ratio Farmers reaction Performance of technology, Availability of inputs, Disease incidence Feedback

		For research, For extension system
9	Final recommendation for micro level situation	Kharif rainfed medium land
10	Constraints identified and feedback for research	
11	Process of farmers participation and their reaction	Group meeting, trainings and field visit.

3.1.D. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Paddy	Rainfed	Low yield of rice due to high incidence of blast in paddy.	Assessment of IDM for blast in rice	10	Seed treatment with Carbendazim @ 2gm./kg. before 7 days of sowing, seed soaking with Streptocyclin @ 1gm./10ltr of water before 1 day of sowing spray Trochoderma Viridae @ 2.5kg./ha. In nursery, Spray of edifenphos @ 500ml/ha at tillering & tricyclazole @500ml./ha at panicle initiation stage	Grain yield and disease incidence, Additional return,C: B ratio, Performance of technology, Availability of inputs, Disease incidence, For research, For extension system

** No. of farmers*

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
-----------------------	-----------------------	--------------------------	---------------------	------------------------------

8	9	10	11	12
Yield	Crop is in tillering stage			
Disease incidence				
Increase in yield				
Additional return				

Technology Assessed / Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**			
Technology assessed**			
Technology refined**			

**Field crops – kg/ha, * for horticultural crops -= kg or t / ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.*

*** Give details of the technology assessed or refined and farmer's practice*

3. TECHNICAL ACHIEVEMENTS

3.1. A. Abstract of interventions undertaken

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1	Drudgery reduction through use of farm	Groundnut Rice Vegetables	Decreased work efficiency Occupational	Assesemet of Hand ridger. Assessment	Intervention of use of groundnut decorticator.	Use of drudgery reducing farm implements		Field day	Groundnut decorticator Hand ridger

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
	implements.		health hazards	of Groundnut thresher					Groundnut thresher
2	Creating avenues for self employment through entrepreneurship development.	Mushroom (Paddy straw)	Low-household income due to unemployment		Paddy straw mushroom. cultivation	Paddy straw mushroom. cultivation. Oyster mushroom. Cultivation Low cost nutritious receipies Low cost baby foods Dairy products	Low cost nutritious receipies	Field day	Spawn, Gram flour, polythene

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
3		Jute and Coir				Preparation of handicrafts from jute and coir			
4		Agro-processing				Masala Powders and Papad making			
5	Family food and nutritional security.	Nutritional rich plants seedling & sapling					Planning & layout of nutritional garden	Field day	
6	Poultry, duckery, goatery and dairy farming.	Goatery				Deworming of kids		Field day	

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
7	Value addition of surplus vegetables	Fruits and vegetables				Value addition of fruits and vegetables			

3.1. B. Conversion of OFT into FLDs during 2007-08

Thematic Area	Title of OFT	Year of execution

3.1. C. Details of each On Farm Trial to be furnished in the following format

OFT : 10		
1	Title of on-farm trials	Assessment of hand ridger.
2	Problem diagnose	Ridge making is drudgery prone activity.
3	Details of technologies selected for assessment/refinement	T1 – Ridge making by traditional method (by spade) T2 –Ridge making by hand ridger (by Falcon model)
4	Source of technology	OSIC,2001
5	Production system	Paddy – Vegetable-Vegetable
6	Thematic area	Drudgery reduction
7	Micro farming situations	Suitable for ridge making and furrow making in medium land to sow vegetables on ridges.

8	Performance of the Technology with performance indicators	Technical observation : Field capacity, saving of time & labour. Economic indicators: Additional return C: B ratio Farmers reaction Performance of technology Feedback For research For extension system
9	Final recommendation for micro level situation	Hand ridger is suitable for medium land situation
10	Constraints identified and feedback for research	Length of the handle of hand ridger should be standardized according to standard height of women
11	Process of farmers participation and their reaction	Group meeting, trainings and farmers expressed their interest.

3.1.D. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Hand ridger	Rainfed	Drudgery prone activity	Assessment of hand ridger.	10	Assessment of hand ridger.	Field capacity ,saving of time &labour. Additional return, C: B ratio Performance of technology For research For extension system

* No. of farmers

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
-----------------------	-----------------------	--------------------------	---------------------	------------------------------

8	9	10	11	12
Field capacity	320 m ² /hr	Light in weight		
Saving time	67%	Easy to operate		
Saving of labour (cardiac cost)	67%	Avoids bending posture		

Technology Assessed / Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**	110 m ² /hr are covered		
Technology assessed**	320 m ² /hr are covered	Saving of time and cardiac cost of work (beats/m ² area covered) 67%	
Technology refined**			

**Field crops – kg/ha, * for horticultural crops -= kg or t / ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.*

*** Give details of the technology assessed or refined and farmer's practice*

OFT : 11		
1	Title of on-farm trials	Assessment Groundnut Thresher
2	Problem diagnose	Groundnut thresher is drudgery prone activity.
3	Details of technologies selected for assessment/refinement	T1 – ground nut threshing by traditional method (by manual) T2 – Peddal operated ground nut thresher (OUAT)
4	Source of technology	OSIC, 1999
5	Production system	Paddy – Ground nut-Vegetable
6	Thematic area	Drudgery reduction
7	Micro farming situations	Suitable for threshing and women friendly technology.

8	Performance of the Technology with performance indicators	Technical observation : Field capacity, saving of time & labour. Economic indicators: Additional return C: B ratio Farmers reaction Performance of technology Feedback For research For extension system
9	Final recommendation for micro level situation	
10	Constraints identified and feedback for research	
11	Process of farmers participation and their reaction	Group meeting, trainings and farmers expressed their interest.

3.1. C. Details of each On Farm Trial to be furnished in the following format

3.1.D. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Ground nut	Rainfed	Drudgery prone activity	Assessment of Ground nut thresher.	10	Assessment of Ground nut thresher.	Field capacity ,saving of time &labour. Additional return, C: B ratio Performance of technology For research For extension system

* No. of farmers

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
Field capacity	200kg./day	Increase work efficiency		
Saving time	90%	Easy to operate		
Saving of cardiac cost (beats/kg. threshed)	79%	Avoids hand injury		

Technology Assessed / Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**	22kg. per day		
Technology assessed**	200kg. per day	Saving of time 90% Reduction of drudgery with the equipment per kg. of pods threshed is 79%	Additional return Rs.5317/ha. in terms of saving of labour
Technology refined**			

***Field crops – kg/ha, * for horticultural crops -= kg or t / ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.**

**** Give details of the technology assessed or refined and farmer's practice**

3.2 Achievements of Frontline Demonstrations

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha
1	Integrated crop management	Adoption of HYV Jute (JRO - 524) and herbicides Targa Super (Quzalfop ethyl 5% EC) @ 1 lt/ha.	Training, field days and demonstration.	1	10	2.0

* Thematic areas as given in Table 3.1 (A1 and A2)

b. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Jute	Integrated crop management	Adoption of HYV Jute (JRC- 524) and herbicides Targa Super (Quzalfop ethyl 5% EC)	Kharif, 2007-08	2.0	2.0	1	9	10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Jute	Kharif	Rainfed	Sandy loam	158	14.5	174	Vegetables	07.06.08	10.09.08		

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Jute	Adoption of HYV Jute (JRC - 524) and herbicides Targa Super (Quazalfof ethyl 5% EC) @ 1 lt/ha.	HYV Jute (JRC - 524)	10	2.0	31.5	25.2	27.87	21.82	24	27.87	21.82

NB: Attach few good action photographs with title at the back with pencil
Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
22,000	19,500	38,500	30,520	16,500	11,020	1.75

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Jute	Kharif	1. Seed/Variety	Rainfed	27.87	21.82	24
		2. Bio-fertilizer				
		3. Fertilizer management				
		4. Plant Protection	Quazalfof ethyl 5% EC (Targa Super)			
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Adoption of HYV Jute (JRO-524), herbicide (Targa Super) Quzalfof ethyl 5% EC)

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmers are happy with the technology as yield increases upto 24%.
2	At the time of labour scarcity, by application of Targa Super farmers get good result.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	05.09.08	50	
2	Farmers Training	2	01.05.08 - 02.05.08 01.08.08 - 02.08.08	50	
3	Media coverage				
4	Training for extension functionaries				

3.2 Achievements of Frontline Demonstrations

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha
2	Integrated crop management	Hybrid rice		1	1	0.2

* Thematic areas as given in Table 3.1 (A1 and A2)

b. Details of FLDs implemented during 2009-10 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
2	Paddy	Integrated crop management	Introduction of hybrid rice	Kharif 2007-08	1	0.2	-	2	2	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Hybrid	Kharif	Rainfed	Sandy	160	16.3	187	Moong	18.06.08	25.10.08		

rice			loam								
------	--	--	------	--	--	--	--	--	--	--	--

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
2	Paddy	Hybrid rice	Rajalaxmi	2	0.2	67.5	63.5	65.0	42.2	54.1	65.0	42.2

NB: Attach few good action photographs with title at the back with pencil

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
20,000	17,000	46,865	37,853	26,865	20,853	2.3

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Hybrid rice	Kharif	1. Seed/Variety	Rainfed	65.0	42.2	54
		2. Bio-fertilizer				
		3. Fertilizer management	120:60:60 N:P:K kg/ha			
		4. Plant Protection				

		5. Combination of components (Please specify)				
--	--	--	--	--	--	--

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Adoption of hybrid rice variety Rajalaxmi
2	

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmers readily accepted the technology
2	

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	17.10.08	50	
2	Farmers Training	1	18.08.08 – 19.08.08	25	
3	Media coverage				
4	Training for extension functionaries				

3.2 Achievements of Frontline Demonstrations

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha
3	Integrated crop management	Hybrid rice		1	1	0.2

* Thematic areas as given in Table 3.1 (A1 and A2)

b. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
3	Paddy	Integrated crop management	Introduction of hybrid rice	Kharif 2007-08	1	0.2	-	2	2	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Paddy	Kharif	Rainfed	Sandy loam	161	16.5	188	Moong	27.06.08	24.11.08		

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
3	Paddy	Hybrid rice	Ajaya	2	0.2	64.0	59.0	62.0	42.0	48	62.0	42.0

NB: Attach few good action photographs with title at the back with pencil

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
19,500	17,000	44,702	30,282	25,202	13,282	2.3

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Hybrid rice	Kharif	1. Seed/Variety	Rainfed	62.0	42.0	48
		2. Bio-fertilizer				
		3. Fertilizer management	12:60:60 N:P:K kg/ha			
		4. Plant Protection				
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Adoption of hybrid rice variety Ajaya

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmers readily accepted the technology

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	24.11.08	50	
2	Farmers Training	1	18.08.08 – 19.08.08	25	
3	Media coverage				
4	Training for extension functionaries				

3.2 Achievements of Frontline Demonstrations**a. Follow-up for results of FLDs implemented during previous years**

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha

4	Integrated crop management	Hybrid maize		1	10	2.0
---	----------------------------	--------------	--	---	----	-----

** Thematic areas as given in Table 3.1 (A1 and A2)*

b. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
4	Maize	Integrated crop management	Popularization of hybrid maize with recommended management practices Recommended dose of fertilizer (120:60:60 N:P:K Kg/ha)	Kharif 2008	2	2	8	2	10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Maize	Kharif	Rainfed	Sandy loam	159	16.0	189	Fallow	14.06.08	01.10.08		

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local

1	2	3	4	5	6	7	8	9	10	11	12	13
4	Maize	Popularization of hybrid maize with recommended management practices Recommended dose of fertilizer (120:60:60 N:P:K Kg/ha)	HQPM	10	2	52.0	45.3	47.0	37.0	27	47.0	37.0

NB: Attach few good action photographs with title at the back with pencil

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
26,000	23,000	51,700	40,700	25,700	17,700	2.2

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
------	--------	-----------	-------------------	----------------------	--------------------	--

Hybrid maize	Kharif	1. Seed/Variety –HQPM	Rainfed	47.0	37.0	27
		2. Bio-fertilizer				
		3. Fertilizer management	12:60:60 N:P:K kg/ha			
		4. Plant Protection				
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Popularization of hybrid maize variety BIO 9681
2	Fertilizer dose 120:60:60 N:P:K Kg/ha

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmers readily accepted the technology

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	29.04.08	50	
2	Farmers Training	1	13.08.08 – 14.08.08	25	
3	Media coverage				
4	Training for extension functionaries				

PLANT BREEDING**3.2 Achievements of Frontline Demonstrations****a. Follow-up for results of FLDs implemented during previous years**

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha
5	Crop production management	Substitution of susceptible paddy variety (Swarna) with resistant variety (Pratikshya)	Best available variety for substitution in place of Swarna.	53	412	316 ha

* Thematic areas as given in Table 3.1 (A1 and A2)

b. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
5	Paddy	Crop production management	Substitution of susceptible paddy variety (Swarna) with multiple resistant variety (Pratikshya)	Kharif 2008	8.0	8.0	8	12	20	Nil

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Paddy	Kharif	Rainfed	Clay loam	131	17.04	86.35	Paddy	19.06.08 to 28.06.08	06.11.08 to 18.11.08	1340 mm	56

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
5	Paddy	Substitution of susceptible paddy variety (Swarna) with resistant variety (Pratikshya)	Pratikshya	20	8.0	52.0	46.0	48.0	42.0	14.28	48.0	42.0

NB: Attach few good action photographs with title at the back with pencil
Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
17,500	16,500	43,200	33,600	25,700	17,100	2.47

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Paddy	Kharif	1. Seed/Variety – Pratikshya	Rainfed medium land	48.0	42.0	14.28
		2. Bio-fertilizer				
		3. Fertilizer management-80:40:40 N:P:K Kg/ha				
		4. Plant Protection				
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	

Farmers' reactions on specific technologies

S. No	Feed Back
1	Resists water logging during flash flood situations.
	Stem borer attack is very less in comparison to Swarna

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	18.11.08	50	
2	Farmers Training	1	23.05.08 – 24.05.08	25	
3	Media coverage	1	19.11.08		
4	Training for extension functionaries				

HORTICULTURE

3.2 Achievements of Frontline Demonstrations

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha
6	Production & management of tuber crops	Production of elephant foot yam variety Gajendra	Through trainings, field days	2	20	0.7

* Thematic areas as given in Table 3.1 (A1 and A2)

b. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
6	Elephant foot yam	Production and management of tuber crops	Production of elephant foot yam variety Gajendra	Kharif 2008	0.1	0.1	0	10	10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Elephant foot yam	Kharif	Irrigated	Sandy loam	L	M	M	Fallow	12.06.08	03.02.09		

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
6	Elephant foot yam	Production of elephant foot yam variety Gajendra	Gajendra	10	0.1	600	300	420	250	68	420	250

NB: Attach few good action photographs with title at the back with pencil

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
99000	32000	65000	65000	66000	33000	1.6:1

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Elephant foot yam	Kharif	1. Seed/Variety	Irrigated medium land	420	250	68
		2. Bio-fertilizer				
		3. Fertilizer management- 80:40:40 NPK kg/ha				
		4. Plant Protection-IPM				
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Proper production management - Increase in yield.
2	Good variety Gajendra – No acidity and palatable.
3	Treated planting material – No tuber rot.

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmers – Happy with its good yield
2	Weight – Individual weight 3-5 kg
3	Farmers appreciated this variety due to non acidity, whitish in colour and suitable for cooking.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	1	28.5.09	25	
3	Media coverage				
4	Training for extension functionaries				

3.2 Achievements of Frontline Demonstrations**a. Follow-up for results of FLDs implemented during previous years**

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha
7	Commercial cultivation of fruits	Introduction of high yielding papaya	Through trainings, field days	1	23	4.0

* Thematic areas as given in Table 3.1 (A1 and A2)

b. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
7	Papaya	Commercial cultivation fruits.	Introduction of high yielding papaya.	Kharif 2008	0.4	0.4	1	4	5	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Papaya	Kharif	Irrigated	Sandy loam	L	M	M	Fallow	22.8.08	Crop in fruiting stage		

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
7	Papaya	Introduction of high yielding papaya.	Pusa dwarf	5	0.4					Continuing		

NB: Attach few good action photographs with title at the back with pencil

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
Continuing	Crop is in harvesting stage.					

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Papaya	Kharif	1. Seed/Variety -	Irrigated			
		2. Bio-fertilizer				
		3. Fertilizer management-				
		4. Plant Protection-				
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	

Farmers' reactions on specific technologies

S. No	Feed Back
1	

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	1	14.8.09 to 17.8.09	25	
3	Media coverage				
4	Training for extension functionaries				

3.2 Achievements of Frontline Demonstrations**a. Follow-up for results of FLDs implemented during previous years**

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha
8	Varietal evaluation	Introduction of high yielding variety Agrifound light red onion with recommended dose of fertilizer and	Through training and field days.	6	54	17

		management				
--	--	------------	--	--	--	--

* Thematic areas as given in Table 3.1 (A1 and A2)

b. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
8	Onion	Varietal evaluation	Introduction of high yielding variety Agrifound light red onion with recommended dose of fertilizer (120:60:60 N:P:K), irrigation 15-20 times, 2.5 g maleic hydrazide per lit. Spraying 15-20 before days harvesting.	Rabi, 2008	1	1	0	10	10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Onion	Rabi	Irrigated medium land	Sandy loam				Vegetable	30.10.08	15.04.09		

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
8	Onion	Introduction of high yielding variety Agrifound light red onion with recommended dose of fertilizer and management	Agrifound light red	10	1	350	170	260	140	71	260	140

NB: Attach few good action photographs with title at the back with pencil

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
60000	30000	110000	50000	50000	20000	1.83:1

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Onion	Rabi	1. Seed/Variety – Agrifound light red	Irrigated	260	140	71
		2. Bio-fertilizer				

		3. Fertilizer management-				
		4. Plant Protection-				
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Good variety with proper dose of fertilizer – yield 260q/ha, onion size 50-100gm, light red colour
2	Irrigation stopped before 15-20 days before harvesting and Maleic hydrazide application –good yield with 4-5 months storage ability.

Farmers' reactions on specific technologies

S. No	Feed Back
1	Size of onion – suitable for market
	Good yield – happy with its yield
	Long storage ability

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1			
2	Farmers Training	1	22.10.08 to 23.10.08	25	
3	Media coverage				
4	Training for extension functionaries				

3.2 Achievements of Frontline Demonstrations**a. Follow-up for results of FLDs implemented during previous years**

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology	Details of popularization	Horizontal spread of technology
-------	----------------	------------	---------------------------	---------------------------------

		demonstrated	methods suggested to the Extension system	No. of villages	No. of farmers	Area in ha
9	Production of low volume and high value crops	Introduction of high value crops capsicum with proper management	Through training and field days.	1	10	0.4

** Thematic areas as given in Table 3.1 (A1 and A2)*

b. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
9	Capsicum	Production of low volume and high value crops	Introduction of high value crops capsicum with proper management	Rabi, 2008	0.4	0.4	0	5	5	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Capsicum	Rabi	Irrigated medium land	Sandy loam				Vegetable	07.09.08	19.01.09		

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13

9	Capsicum	Introduction of high value crops capsicum with proper management	Bharat	5	0.4	350	220	270	190	42	270	190
---	----------	--	--------	---	-----	-----	-----	-----	-----	----	-----	-----

NB: Attach few good action photographs with title at the back with pencil

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
68400	32300	135600	71500	67200	39200	1.98:1

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Capsicum	Rabi	1. Seed/Variety -	Irrigated medium land	270	190	42
		2. Bio-fertilizer				
		3. Fertilizer management-				
		4. Plant Protection-IPM				
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Hybrid variety Bharat with recommended dose of fertilizer Highest yield 350q/ha, average yield 270q/ha
2	High value crop – traditional vegetable cost less
3	With application of Zinc sulphate – good yield

Farmers' reactions on specific technologies

S. No	Feed Back
1	High value vegetable – farmers interested to grow this crop instead of traditional vegetable.
2	Farmers happy with its yield

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	27.01.09	50	
2	Farmers Training	1	1.12.08 - 2.12.08	25	
3	Media coverage				
4	Training for extension functionaries				

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha
10	Variatal substitution in vegetable crops.	Cultivation of summer Tomato with RDF 125:100:110 NPK kg/ha	Through training and field days.	1	10	0.4

* Thematic areas as given in Table 3.1 (A1 and A2)

b. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
10	Tomato	Variatal substitution in vegetable crops.	Cultivation of summer Tomato with RDF 125:100:110 NPK kg/ha	Summer, 2009	0.4	0.4	0	10	10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Tomato	Summer	Irrigated medium land	Sandy loam				Vegetable	27.3.09	20.6.09		

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
4	Tomato	Cultivation of summer Tomato with RDF 125:100:110 NPK kg/ha	Arka Ananya	10	0.4	400	270	300	180	67	300	180

NB: Attach few good action photographs with title at the back with pencil

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
64200	44600	120400	72035	56200	27435	1.87

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Capsicum	Rabi	1. Seed/Variety -	Irrigated medium land	300	180	67
		2. Bio-fertilizer				
		3. Fertilizer management-				
		4. Plant Protection-IPM				
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Hybrid variety Arka Anaanya resistant to wilt with recommended dose of fertilizer Highest yield 400q/ha, average yield 300q/ha
2	Off season Tomato – On season Tomato cost low price

Farmers' reactions on specific technologies

S. No	Feed Back
1	Off season Tomato- Farmers get higher market price.
2	Farmers happy with its yield

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	02.7.09	50	
2	Farmers Training	1	16.1.09-17.1.09	25	
3	Media coverage				
4	Training for extension functionaries				

PLANT PROTECTION**3.2 Achievements of Frontline Demonstrations****a. Follow-up for results of FLDs implemented during previous years**

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha
11	Integrated pest management	Nursery treatment with Furadon, application of Cartap hydrochloride at 25 DAP with release of <i>Trichogramma japonicum</i> @ 50,000/ha (four times) and installation of pheromone traps @ 20 Nos./ha may minimize the stem borer incidence in paddy and increase the yield.	Through field days, visits and training.			

* Thematic areas as given in Table 3.1 (A1 and A2)

b. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
11	Paddy	Integrated pest management	Nursery treatment with Furadon, application of Cartap hydrochloride at 25 DAP with release of <i>Trichogramma japonicum</i> @ 50,000/ha (four times) and installation of pheromone traps @ 20 Nos./ha may minimize the stem borer incidence in paddy and	Kharif, 2008	2.0	2.0	0	10	10	-

			increase the yield.							
--	--	--	---------------------	--	--	--	--	--	--	--

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Paddy	Kharif	Rainfed	Clay loam	131	17.04	86.35	Rice	19.06.08 to 26.06.08	15.11.08 to 20.11.08	1340	56

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
11	Paddy	Nursery treatment with Furadon, application of Cartap hydrochloride at 25 DAP with release of <i>Trichogramma japonicum</i> @ 50,000/ha (four times) and installation of pheromone traps @ 20 Nos./ha may minimize the stem borer incidence in paddy and increase	Pratikshya	10	2.0	52	46	48	42	14.28	48	42

		the yield.										
--	--	------------	--	--	--	--	--	--	--	--	--	--

NB: Attach few good action photographs with title at the back with pencil

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
17,500	15,000	35,000	29,400	17,500	14,000	2.0

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
		1. Seed/Variety – Pratikshya				
		2. Bio-fertilizer				
		3. Fertilizer management				
Paddy	Kharif,2008	4. Plant Protection-IPM	Rainfed medium land	48	42	14.28
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Stem borer attack reduced by 5-6%
2	Increase in yield 14.28%

Farmers' reactions on specific technologies

S. No	Feed Back
1	The farmers appreciated the technology which involves less use of chemical pesticide and commented on the non availability of the specified bio agent in the local market.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	17.12.08	50	
2	Farmers Training	2	25.07.08 & 26.07.08 06.08.08 & 07.08.08	50	

3	Media coverage				
4	Training for extension functionaries				

3.2 Achievements of Frontline Demonstrations

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha
12	Integrated disease management	Seed treatment with Bavistin @ 2gm/kg of seed followed by soil application with <i>Trichoderma viridae</i> @6kg/ha and spraying of <i>Pseudomonas fluorescense</i> @ 2.5 kg/ha at 3-5 leaf stage may minimize the wilt in jute and increase the yield.	Through field days, visits and training.			

* Thematic areas as given in Table 3.1 (A1 and A2)

b. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
12	Jute	Integrated disease management	Seed treatment with Bavistin @ 2gm/kg of seed followed by soil application with <i>Trichoderma viridae</i> @6kg/ha and spraying of <i>Pseudomonas fluorescense</i> @ 2.5 kg/ha at 3-5 leaf stage may minimize the	Kharif 2008	2.0	2.0	1	9	10	

			wilt in jute and increase the yield.								
--	--	--	--------------------------------------	--	--	--	--	--	--	--	--

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Jute	Kharif	Rainfed	Clay loam	136.2	19.0	81.2	Okra	24.05.08 to 26.05.08	15.09.08 to 21.10.08	1340	56

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
12	Jute	Seed treatment with Bavistin @ 2gm/kg of seed followed by soil application with <i>Trichoderma viridae</i> @6kg/ha and spraying of <i>Pseudomonas fluroscence</i> @ 2.5 kg/ha at 3-5 leaf stage may minimize the wilt in jute and	JRO - 524	10	2.0	32.5	25.0	27.5	22.5	22.2	27.5	22.5

		increase the yield.										
--	--	---------------------	--	--	--	--	--	--	--	--	--	--

NB: Attach few good action photographs with title at the back with pencil

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
21,550	19,300	45,500	31,500	23,950	12,200	2.11

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
		1. Seed/Variety -				
		2. Bio-fertilizer				
		3. Fertilizer management				
Jute	Kharif,2008	4. Plant Protection-IDM	Rainfed	27.5	22.5	22.2
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	By application of the above technology the wilt in Jute reduced to 5-8% and thereby increasing the yield by 22.2%

Farmers' reactions on specific technologies

S. No	Feed Back
1	The farmers appreciated the technology which involves less use of chemical pesticide and commented on the non availability of the specified bio pesticide.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				

2	Farmers Training	1	25.06.08 to 26.06.08	25	
3	Media coverage				
4	Training for extension functionaries				

3.2 Achievements of Frontline Demonstrations

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha
13	Integrated pest management	Nursery treatment with Furadon, application of Cartap hydrochloride at 25 DAP with release of <i>Trichogramma japonicum</i> @ 50,000/ha (four times) and installation of pheromone traps @ 20 Nos./ha may minimize the stem borer incidence in paddy and increase the yield.	Through field days, visits and training.			

* Thematic areas as given in Table 3.1 (A1 and A2)

b. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
13	Paddy	Integrated pest management	Nursery treatment with Furadon, application of Cartap hydrochloride at 25 DAP with release of <i>Trichogramma japonicum</i> @ 50,000/ha (four times) and installation of pheromone	Kharif, 2008	2.0	2.0	0	10	10	-

			traps @ 20 Nos./ha may minimize the stem borer incidence in paddy and increase the yield.							
--	--	--	---	--	--	--	--	--	--	--

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Paddy	Kharif	Rainfed	Clay loam	131	17.04	86.35	Rice	19.06.08 to 26.06.08	15.11.08 to 20.11.08	1340	56

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
13	Paddy	Nursery treatment with Furadon, application of Cartap hydrochloride at 25 DAP with release of <i>Trichogramma japonicum</i> @ 50,000/ha (four times) and installation of pheromone traps @ 20 Nos./ha may minimize the stem	Swarna	10	2.0							

		borer incidence in paddy and increase the yield.										
--	--	--	--	--	--	--	--	--	--	--	--	--

NB: Attach few good action photographs with title at the back with pencil

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20

analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
		1. Seed/Variety - Swarna				
		2. Bio-fertilizer				
		3. Fertilizer management				
Paddy	Kharif, 2008	4. Plant Protection-IPM	Rainfed medium land			
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	
2	

Farmers' reactions on specific technologies

S. No	Feed Back
1	The farmers appreciated the technology which involves less use of chemical pesticide and commented on the non availability of the specified bio agent in the local market.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	2	24.07.09 & 29.07.09	50	

3	Media coverage				
4	Training for extension functionaries	1	05.08.09 & 06.08.09	15	

3.2 Achievements of Frontline Demonstrations

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha
14	Integrated disease management	Sumer ploughing , seed treatment with bavistin spraying of hexaconazol @ 500ml./ha.for 3 times	Through field days, visits and training.			

* Thematic areas as given in Table 3.1 (A1 and A2)

b. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
14	Paddy	Integrated disease management	Sumer ploughing , seed treatment with bavistin spraying of hexaconazol @ 500ml./ha.for 3 times	Kharif 2008	2.0	2.0				

Details of farming situation

Crop	Season	Farming	Soil	Status of soil		Sowing	Harvest	Seasonal	No. of
------	--------	---------	------	----------------	--	--------	---------	----------	--------

		situation (RF/Irrigated)	type	N	P	K	Previous crop	date	date	rainfall (mm)	rainy days
Paddy	Kharif	Rainfed	Clay loam	136.2	19.0	81.2	Fallow				

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
14	Paddy	Sumer ploughing , seed treatment with bavistin spraying of hexaconazol @ 500ml./ha.for 3 times	Swarna	10	2.0	The crop is in tillering stage						

NB: Attach few good action photographs with title at the back with pencil

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
------	--------	-----------	-------------------	----------------------------	--------------------	---

		1. Seed/Variety -				
		2. Bio-fertilizer				
		3. Fertilizer management				
Jute	Kharif,2008	4. Plant Protection-IDM	Rainfed			
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	

Farmers' reactions on specific technologies

S. No	Feed Back
1	

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	1	24.07.09	25	
3	Media coverage				
4	Training for extension functionaries	1	13.07.09 & 14.07.09	15	

3.2 Achievements of Frontline Demonstrations**a. Follow-up for results of FLDs implemented during previous years**

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha

15	Integrated disease management	Installation of yellow stick trap @ 20Nos. / ha, introduction of trap crop maize in three rows. Foliar spray of neem based pesticide @ 1.5lt/ha and Thiomethoxane @ 200 gm/ha.	Through field days, visits and training.			
----	-------------------------------	--	--	--	--	--

** Thematic areas as given in Table 3.1 (A1 and A2)*

b. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
15	Green gram	Integrated disease management	Installation of yellow stick trap @ 20Nos. / ha, introduction of trap crop maize in three rows. Foliar spray of neem based pesticide @ 1.5lt/ha and Thiomethoxane @ 200 gm/ha.	Rabi, 2008	0.4	0.4	2	8	10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Green gram	Rabi	Irrigated	Sandy loam	128.3	16.2	85.3	Paddy	12.12.08 to 13.12.08	19.04.09 to 14.04.09		

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
15	Green gram	Installation of yellow stick trap @ 20Nos. / ha, introduction of trap crop maize in three rows. Foliar spray of neem based pesticide @ 1.5lt/ha and Thiomethoxane @ 200 gm/ha.	PDM-4	10	0.4	10.8	9.2	10.1	8.2	23.1	8-10%	35-40%

NB: Attach few good action photographs with title at the back with pencil
Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
13,600	13,400	25,250	19,680	11,650	6280	1.85:1

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
		1. Seed/Variety -				

		2. Bio-fertilizer				
		3. Fertilizer management				
Green gram	Rabi	4. Plant Protection-	Semi irrigated medium land	10.1	8.2	23.1
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	By application of the above technology infestation of YMV reduced to 8-10%

Farmers' reactions on specific technologies

S. No	Feed Back
1	The farmers appreciated the technology which involves less use of chemical pesticide.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	13.04.09	50	
2	Farmers Training	1	8.04.09 to 9.04.09	25	
3	Media coverage				
4	Training for extension functionaries	1	8.09.08 to 9.09.08	15	

3.2 Achievements of Frontline Demonstrations**a. Follow-up for results of FLDs implemented during previous years**

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha

16	Integrated disease management	Soil drenching with Streptocyclin @ 500gm/ha twice during intercultural operations and foliar application of Endophil M- 45 @ 1.5 kg/ha.(4times).	Through field days, visits and training.			
----	-------------------------------	---	--	--	--	--

** Thematic areas as given in Table 3.1 (A1 and A2)*

b. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
16	Tomato	Integrated disease management	Soil drenching with Streptocyclin @ 500gm/ha twice during intercultural operations and foliar application of endophil M- 45 @ 1.5 kg/ha.(4times).	Rabi, 2008	0.4	0.4	0	5	5	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Tomato	Rabi	Irrigated	Sandy loam	130.1	15.9	86.2	Paddy	24.12.08 to 29.12.08	25.03.09 to 06.05.09		

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl/ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
16	Tomato	Soil drenching with	Surekhya	5	0.4	440.5	432.0	437.0	365.0	19.7	437.0	365.0

		Streptocyclin @ 500gm/ha twice during intercultural operations and foliar application of endophil M- 45 @ 1.5 kg/ha. (4times).										
--	--	--	--	--	--	--	--	--	--	--	--	--

NB: Attach few good action photographs with title at the back with pencil

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
57,700	45,000	131100	73,000	73,400	28,000	2.27

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
		1. Seed/Variety -				
		2. Bio-fertilizer				
		3. Fertilizer management				
Tomato	Rabi	4. Plant Protection-	Semi irrigated medium land	437.0	365.0	19.7
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	By application of the above technology the longevity of the plants increases considerably which contributes to the increase in yield.

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmers appreciated the technology as it involves less amount spent on disease management.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	25.04.09	50	
2	Farmers Training	1	24.10.08 to 25.10.08	25	
3	Media coverage				
4	Training for extension functionaries				

WOMEN IN AGRICULTURE**3.2 Achievements of Frontline Demonstrations****a. Follow-up for results of FLDs implemented during previous years**

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha
17	House hold food security	Adoption of nutritional garden in backyard with selective nutritional plants.	Training field days.			

* Thematic areas as given in Table 3.1 (A1 and A2)

b. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Nutritional garden	House hold food security	Adoption of nutritional garden in backyard with selective nutritional plants.	Kharif, 2008	0.4	0.4		10	10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					

Nutritional garden	Kharif	Irrigated		L	M	M	Vegetables	19.08.08	15.10.08		
--------------------	--------	-----------	--	---	---	---	------------	----------	----------	--	--

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Nutritional garden	Adoption of nutritional garden in backyard with selective nutritional plants.	HYV vegetables and fruits, papaya, drumstick, tissue culture banana, brinjal, tomato, chilli, okra, radish, green leafy vegetables, bean, cowpea	10	0.4	250	220	233	120	94.1	233 q/ha	120 q/ha

NB: Attach few good action photographs with title at the back with pencil

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
30,000	24,000	40,000	30,000	10,000	6,000	1.3

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Nutritional garden		1. Seed/Variety –HYV	Rainfed medium land	233	1209	94.1
		2. Bio-fertilizer				
		3. Fertilizer management				
		4. Plant Protection				

		5. Combination of components (Please specify)				
--	--	--	--	--	--	--

Technical Feedback on the demonstrated technologies

S. No	Feed Back
17	Adoption of nutritional garden supplement nutrients to the family to prevent deficiencies as well as supplement to the family income.

Farmers' reactions on specific technologies

S. No	Feed Back
1	Adoption of selective nutritional rich HYV gives good yield as well as good return.
2	Proper planning and layout of kitchen garden gives more production and provide balanced and nutrient rich diet to family.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	2.01.09	50	
2	Farmers Training	1	29.10.08 – 30.10.08	25	
3	Media coverage				
4	Training for extension functionaries				

3.2 Achievements of Frontline Demonstrations**a. Follow-up for results of FLDs implemented during previous years**

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology	Details of popularization	Horizontal spread of technology
-------	----------------	------------	---------------------------	---------------------------------

		demonstrated	methods suggested to the Extension system	No. of villages	No. of farmers	Area in ha
18						

* Thematic areas as given in Table 3.1 (A1 and A2)

- b. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
18	Composite pisciculture	Composite pisciculture	Catla, Rohu and Mrigal 1:2:1, 5000 to 6000 fingerlings / ha	Kharif, 2008	5.0	3.0	3	2	5	Non availability of fingerlings in time

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Composite pisciculture	Kharif	Rainfed	Clay loam				Monoculture	04.10.08	-		

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13

18	Composite pisciculture	Catla, Rohu and Mrigal 1:2:1, 5000 to 6000 fingerlings / ha	Catla, Rohu and Mrigal fingerlings	05	5				Result awaited			
----	------------------------	---	------------------------------------	----	---	--	--	--	----------------	--	--	--

NB: Attach few good action photographs with title at the back with pencil

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Composite pisciculture	Kharif	1. Seed/Variety	Rainfed			
		2. Bio-fertilizer				
		3. Fertilizer management				
		4. Plant Protection				
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back

Farmers' reactions on specific technologies

S. No	Feed Back

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training				
3	Media coverage				
4	Training for extension functionaries				

c. Details of FLD on Enterprises**(i) Farm Implements**

Name of the implement	Crop	No. of farmers	Area (ha)	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		
Groundnut decorticator	Groundnut	5	-	Output	32	2	150%	Reduction of drudgery with the equipment per kg of pod is 74%
				saving of time			96%	
				Saving in Cardiac cost			74%	

* Field efficiency, labour saving etc.

(ii) Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds etc.	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		
Goatery (deworming of kids)	Local	10	30 kids	Gain in body weight, prevalence of disease and mortality	10.2kg. Nil	8.75kg. 5	45%	Regular deworming and supplementation of mineral mixture enhance the production with least mortality
Backyard poultry	Banaraja	10	100	Body weight, No.of eggs/year	Result awaited			

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

(iii) Other Enterprises

Enterprise	Variety/ breed/Species/others	No. of farmers	No. of Units	Performance parameters / indicators	Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		
Mushroom	V.Volvacea , OUAT	10	100	Yield/bed	1.75 kg	-	100	Highly palatable, fetches good market price. Additional return Rs 75/bed
				Bio efficiency	10%			
Apiary								
Sericulture								
Vermi compost								

3.3.Achievements on Training (Including the sponsored and FLD training programmes):

A) ON Campus

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women									
I Crop Production									
Weed Management									
Resource Conservation Technologies	1	2	22	-	22	3	-	3	25
Cropping Systems	2	4	44	-	44	6	-	6	50
Crop Diversification									
Integrated Farming									
Water management									
Seed production	2	4	45	-	45	5	-	5	50
Nursery management									
Integrated Crop Management									
Fodder production									
Production of organic inputs	1	2	19	-	19	6	-	6	25
II Horticulture									
a) Vegetable Crops									
Production of low volume and high value crops									
Off-season vegetables									
Nursery raising									
Exotic vegetables like Broccoli									
Export potential vegetables									
Grading and standardization									
Protective cultivation (Green Houses, Shade Net etc.)									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
b) Fruits									
Training and Pruning									
Layout and Management of Orchards									
Cultivation of Fruit									
Management of young plants/orchards									
Rejuvenation of old orchards									
Export potential fruits									
Micro irrigation systems of orchards									
Plant propagation techniques									
c) Ornamental Plants									
Nursery Management									
Management of potted plants									
Export potential of 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									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
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	1	2	25	-	25	-	-	-	25
Poultry Management									
Piggery Management									
Rabbit Management									
Disease Management	1	2	16	9	25	-	-	-	25
Feed management									
Production of quality animal products									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
V Home Science/Women empowerment									
Household food security by kitchen gardening and nutrition gardening									
Design and development of low/minimum cost diet									
Designing and development for high nutrient efficiency diet									
Minimization of nutrient loss in processing									
Gender mainstreaming through SHGs									
Storage loss minimization techniques									
Value addition	1	2	-	24	24	-	1	1	25
Income generation activities for empowerment of rural Women									
Location specific drudgery reduction technologies	1	2	-	21	21	-	4	4	25
Rural Crafts									
Women and child care									
VI Agril. Engineering									
Installation and maintenance of micro irrigation systems									
Use of Plastics in farming practices									
Production of small tools and implements	2	4	34	8	42	8	-	8	50
Repair and maintenance of farm machinery and implements									
Small scale processing and value addition									
Post Harvest Technology									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
VII Plant Protection									
Integrated Pest Management	1	2	22	-	22	3	-	3	25
Integrated 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	2	19	3	22	3	-	3	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									
Pearl culture									
Fish processing and value addition									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
IX Production of Inputs at site									
Seed Production									
Planting material production									
Bio-agents production									
Bio-pesticides production									
Bio-fertilizer production									
Vermi-compost production									
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									
Group dynamics									
Formation and Management of SHGs									
Mobilization of social capital									
Entrepreneurial development of farmers/youths									
WTO and IPR issues									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
XI Agro-forestry									
Production technologies									
Nursery management									
Integrated Farming Systems									
XII Others (Pl. Specify)									
TOTAL	14	28	246	65	311	34	5	39	350
(B) RURAL YOUTH									
Mushroom Production	1	7	-	15	15	-	-	-	15
Bee-keeping	1	2	17	7	24	3	3	6	30
Integrated farming	2	4	34	-	34	6	-	6	40
Seed production	1	7	13	-	13	2	-	2	15
Production of organic inputs	3	11	44	2	46	9	-	9	55
Soil health	1	2	12	4	16	4	-	4	20
Planting material production	1	7	13	-	13	1	-	1	14
Vermi-culture									
Sericulture									
Protected cultivation of vegetable crops									
Commercial fruit production	1	7	15	-	15	-	-	-	15
Repair and maintenance of farm machinery and implements									
Nursery Management of Horticulture crops	3	8	56	-	56	19	-	19	75
Training and pruning of orchards									
Value addition									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
Production of quality animal products	1	2	-	18	18	-	2	2	20
Dairying									
Sheep and goat rearing									
Quail farming									
Piggery									
Rabbit farming									
Poultry production									
Ornamental fisheries									
Para vets									
Para extension workers									
Composite fish culture									
Freshwater prawn culture									
Shrimp farming									
Pearl culture									
Cold water fisheries									
Fish harvest and processing technology									
Fry and fingerling rearing									
Small scale processing	1	2	-	15	15	-	10	10	25
Post Harvest Technology									
Tailoring and Stitching									
Rural Crafts									
TOTAL	16	59	204	61	265	44	15	59	324

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
(C) Extension Personnel									
Productivity enhancement in field crops	1	2	27	2	29	1	-	1	30
Integrated Pest Management	1	2	14	-	14	1	-	1	15
Integrated Nutrient management									
Rejuvenation of old orchards	2	4	40	0	40	-	-	-	40
Protected cultivation technology									
Formation and Management of SHGs									
Group Dynamics and farmers organization									
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	3	6	-	36	36	-	9	9	45
Production and use of organic inputs	1	2	20	-	20	-	-	-	20
Gender mainstreaming through SHGs									
Any other (Pl. Specify)									
TOTAL	8	16	101	38	139	2	9	11	150

B) OFF Campus

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women									
I Crop Production									
Weed Management	1	2	18	-	18	7	-	7	25
Resource Conservation Technologies	1	2	19	-	19	6	-	6	25
Cropping Systems									
Crop Diversification	1	2	21	-	21	4	-	4	25
Integrated Farming									
Water management									
Seed production	5	10	83	-	83	42	-	42	125
Nursery management	6	12	122	1	123	24	3	27	150
Integrated Crop Management									
Fodder production									
Production of organic inputs	2	4	39	-	39	11	-	11	50
II Horticulture									
a) Vegetable Crops									
Production of low volume and high value crops	1	2	19	-	19	6	-	6	25
Off-season vegetables	1	2	20	-	20	5	-	5	25
Nursery raising									
Exotic vegetables like Broccoli									
Export potential vegetables	1	2	19	2	21	3	1	4	25
Grading and standardization	2	4	34	-	34	16	-	16	50
Protective cultivation (Green Houses, Shade Net etc.)									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
b) Fruits									
Training and Pruning									
Layout and Management of Orchards									
Cultivation of Fruit	2	4	28	6	34	10	6	16	50
Management of young plants/orchards									
Rejuvenation of old orchards									
Export potential fruits									
Micro irrigation systems of orchards									
Plant propagation techniques									
c) Ornamental Plants									
Nursery Management									
Management of potted plants									
Export potential of ornamental plants									
Propagation techniques of Ornamental Plants									
d) Plantation crops									
Production and Management technology	6	12	109	11	120	30	-	30	150
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									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
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	2	25	-	25	-	-	-	25
Soil and Water Conservation									
Integrated Nutrient Management	2	4	44	-	44	6	-	6	50
Production and use of organic inputs	1	2	12	3	15	10	-	10	25
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									
Rabbit Management									
Disease Management									
Feed management									
Production of quality animal products									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
V Home Science/Women empowerment									
Household food security by kitchen gardening and nutrition gardening	1	2	-	25	25	-	-	-	25
Design and development of low/minimum cost diet	1	2	-	25	25	-	-	-	25
Designing and development for high nutrient efficiency diet	1	2	-	24	24	-	6	6	30
Minimization of nutrient loss in processing									
Gender mainstreaming through SHGs									
Storage loss minimization techniques	2	4	-	47	47	-	3	3	50
Value addition	2	4	-	47	47	-	3	3	50
Income generation activities for empowerment of rural Women	3	6	-	57	57	-	18	18	75
Location specific drudgery reduction technologies									
Rural Crafts	2	4	-	20	20	-	-	-	20
Women and child care									
VI Agril. 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									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
Small scale processing and value addition									
Post Harvest Technology									
VII Plant Protection									
Integrated Pest Management	7	14	131	16	147	27	1	28	175
Integrated Disease Management	3	6	66	-	66	9	-	9	75
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									
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									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
IX Production of Inputs at site									
Seed Production									
Planting material production									
Bio-agents production									
Bio-pesticides production									
Bio-fertilizer production									
Vermi-compost production									
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									
Group dynamics	2	4	50	-	50	-	-	-	50
Formation and Management of SHGs	1	2	-	25	25	-	-	-	25
Mobilization of social capital									
Entrepreneurial development of farmers/youths	1	2	19	3	22	3	-	3	25
WTO and IPR issues									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
XI Agro-forestry									
Production technologies									
Nursery management									
Integrated Farming Systems									
XII Others (Pl. Specify)									
TOTAL	59	118	878	312	1190	219	41	260	1450
(B) RURAL YOUTH									
Mushroom Production									
Bee-keeping									
Integrated farming									
Seed production									
Production of organic inputs									
Soil health	1	2	17	3	20	-	-	-	20
Planting material production									
Vermi-culture									
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									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
Value addition									
Production of quality animal products									
Dairying									
Sheep and goat rearing									
Quail farming									
Piggery									
Rabbit farming									
Poultry production									
Ornamental fisheries									
Para vets									
Para extension workers									
Composite fish culture									
Freshwater prawn culture									
Shrimp farming									
Pearl culture									
Cold water fisheries									
Fish harvest and processing technology									
Fry and fingerling rearing									
Small scale processing									
Post Harvest Technology									
Tailoring and Stitching									
Rural Crafts									
TOTAL	1	2	17	3	20	-	-	-	20

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
(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 organization									
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									

C) Consolidated table (On and Off Campus)

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women									
I Crop Production									
Weed Management	1	2	18	-	18	7	-	7	25
Resource Conservation Technologies	2	4	41	-	41	9	-	9	50
Cropping Systems	2	4	44	-	44	6	-	6	50
Crop Diversification	1	2	21	-	21	4	-	4	25
Integrated Farming									
Water management									
Seed production	7	14	128	-	128	47	-	47	175
Nursery management	6	12	122	1	123	24	3	27	150
Integrated Crop Management									
Fodder production									
Production of organic inputs	3	6	58	-	58	17	-	17	75
II Horticulture									
a) Vegetable Crops									
Production of low volume and high value crops	1	2	19	-	19	6	-	6	25
Off-season vegetables	1	2	20	-	20	5	-	5	25
Nursery raising									
Exotic vegetables like Broccoli									
Export potential vegetables	1	2	19	2	21	3	1	4	25
Grading and standardization	2	4	34	-	34	16	-	16	50
Protective cultivation (Green Houses, Shade Net etc.)									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
b) Fruits									
Training and Pruning									
Layout and Management of Orchards									
Cultivation of Fruit	2	4	28	6	34	10	6	16	50
Management of young plants/orchards									
Rejuvenation of old orchards									
Export potential fruits									
Micro irrigation systems of orchards									
Plant propagation techniques									
c) Ornamental Plants									
Nursery Management									
Management of potted plants									
Export potential of ornamental plants									
Propagation techniques of Ornamental Plants									
d) Plantation crops									
Production and Management technology	6	12	109	11	120	30	-	30	150
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									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
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	2	25	-	25	-	-	-	25
Soil and Water Conservation									
Integrated Nutrient Management	2	4	44	-	44	6	-	6	50
Production and use of organic inputs	1	2	12	3	15	10	-	10	25
Management of Problematic soils									
Micro nutrient deficiency in crops									
Nutrient Use Efficiency									
Soil and Water Testing									
IV Livestock Production and Management									
Dairy Management	1	2	25	-	25	-	-	-	25
Poultry Management									
Piggery Management									
Rabbit Management									
Disease Management	1	2	16	9	25	-	-	-	25
Feed management									
Production of quality animal products									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
V Home Science/Women empowerment									
Household food security by kitchen gardening and nutrition gardening	1	2	-	25	25	-	-	-	25
Design and development of low/minimum cost diet	1	2	-	25	25	-	-	-	25
Designing and development for high nutrient efficiency diet	1	2	-	24	24	-	6	6	30
Minimization of nutrient loss in processing									
Gender mainstreaming through SHGs									
Storage loss minimization techniques	2	4	-	47	47	-	3	3	50
Value addition	3	6	-	71	71	-	4	4	75
Income generation activities for empowerment of rural Women	3	6	-	57	57	-	18	18	75
Location specific drudgery reduction technologies	1	2	-	21	21	-	4	4	25
Rural Crafts	2	4	-	20	20	-	-	-	20
Women and child care									
VI Agril. Engineering									
Installation and maintenance of micro irrigation systems									
Use of Plastics in farming practices									
Production of small tools and implements	2	4	34	8	42	8	-	8	50
Repair and maintenance of farm machinery and implements									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
Small scale processing and value addition									
Post Harvest Technology									
VII Plant Protection									
Integrated Pest Management	8	16	153	16	169	30	1	31	200
Integrated Disease Management	3	6	66	-	66	9	-	9	75
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	2	19	3	22	3	-	3	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									
Pearl culture									
Fish processing and value addition									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
IX Production of Inputs at site									
Seed Production									
Planting material production									
Bio-agents production									
Bio-pesticides production									
Bio-fertilizer production									
Vermi-compost production									
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									
Group dynamics	2	4	50	-	50	-	-	-	50
Formation and Management of SHGs	1	2	-	25	25	-	-	-	25
Mobilization of social capital									
Entrepreneurial development of farmers/youths	1	2	19	3	22	3	-	3	25
WTO and IPR issues									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
XI Agro-forestry									
Production technologies									
Nursery management									
Integrated Farming Systems									
XII Others (Pl. Specify)									
TOTAL	73	146	1124	377	1501	253	46	299	1800
(B) RURAL YOUTH									
Mushroom Production	1	7	-	15	15	-	-	-	15
Bee-keeping	1	2	17	7	24	3	3	6	30
Integrated farming	2	4	34	-	34	6	-	6	40
Seed production	1	7	13	-	13	2	-	2	15
Production of organic inputs	3	11	44	2	46	9	-	9	55
Soil health	2	4	29	7	36	4	-	4	40
Planting material production	1	7	13	-	13	1	-	1	14
Vermi-culture									
Sericulture									
Protected cultivation of vegetable crops									
Commercial fruit production	1	7	15	-	15	-	-	-	15
Repair and maintenance of farm machinery and implements									
Nursery Management of Horticulture crops	3	8	56	-	56	19	-	19	75
Training and pruning of orchards									
Value addition									
Production of quality animal products	1	2	-	18	18	-	2	2	20

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
Dairying									
Sheep and goat rearing									
Quail farming									
Piggery									
Rabbit farming									
Poultry production									
Ornamental fisheries									
Para vets									
Para extension workers									
Composite fish culture									
Freshwater prawn culture									
Shrimp farming									
Pearl culture									
Cold water fisheries									
Fish harvest and processing technology									
Fry and fingerling rearing									
Small scale processing	1	2	-	15	15	-	10	10	25
Post Harvest Technology									
Tailoring and Stitching									
Rural Crafts									
TOTAL	17	61	221	64	285	44	15	59	344

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
(C) Extension Personnel									
Productivity enhancement in field crops	1	2	27	2	29	1	-	1	30
Integrated Pest Management	1	2	14	-	14	1	-	1	15
Integrated Nutrient management									
Rejuvenation of old orchards	2	4	40	0	40	-	-	-	40
Protected cultivation technology									
Formation and Management of SHGs									
Group Dynamics and farmers organization									
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	3	6	-	36	36	-	9	9	45
Production and use of organic inputs	1	2	20	-	20	-	-	-	20
Gender mainstreaming through SHGs									
Any other (Pl. Specify)									
TOTAL	8	16	101	38	139	2	9	11	150

Note: Please furnish the details of training programmes as Annexure in the proforma given below

Date	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Agronomy										
01.05.08 02.05.08	F&FW	Package of practices for Jute cultivation.	2	Off	25	-	25	3	-	3
06.05.08 07.05.08	RY	Soil sample collection and testing	2	Off	17	3	20	-	-	-
06.06.08 07.06.08	F&FW	Crop rotation and cropping system for sustainable crop production.	2	On	25	-	25	3	-	3
18.06.08 19.06.08	F&FW	Green manures & bio-fertilizers & their use in field crops.	2	Off	25	-	25	4	-	4
23.07.08 24.07.08	F&FW	Agro-technique of fodder cultivation	2	Off	25	-	25	3	-	3
01.08.08 02.08.08	F&FW	Weed management in paddy & jute	2	Off	25	-	25	7	-	7
13.08.08 14.08.08	F&FW	Cultivation practices of hybrid maize	2	Off	21	4	25	12	3	15
18.08.08 19.08.08	F&FW	INM in paddy.	2	Off	25	-	25	2	-	2
10.09.08 11.09.08	F&FW	Post harvest technology & value addition of jute, groundnut and sugarcane.	2	Off	25	-	25	2	-	2
15.09.08 16.09.08	F&FW	Agro technique of sugarcane cultivation.	2	Off	25	-	25	4	-	4

Date	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
18.09.08 19.09.08	RY	Production of organic manures & bio-fertilizers as a sustainable enterprise.	2	On	20	-	20	1	-	1
02.01.09 03.01.09	RY	Farming system approach for sustainable crop production.	2	On	20	-	20	5	-	5
06.01.09 07.01.09	F&FW	INM in paddy	2	Off	25	-	25	4	-	4
12.01.09 13.01.09	F&FW	Cultivation practices of hybrid maize	2	Off	25	-	25	1	-	1
14.01.09 15.01.09	F&FW	Amendment of problematic soil	2	Off	25	-	25	-	-	-
04.02.09 05.02.09	F&FW	Crop rotation and cropping system for sustainable crop production.	2	On	25	-	25	3	-	3
11.02.09 12.02.09	F&FW	Crop substitution for sustainable crop production in upland	2	Off	25	-	25	4	-	4
16.02.09 17.02.09	RY	Soil sample collection & testing	2	On	16	4	20	4	-	4
04.03.09 05.03.09	F&FW	Green manures & bio-fertilizers & their use in field crops.	2	Off	25	-	25	6	-	6
PLANT BREEDING AND GENETICS										
23.05.08 24.05.08	F & FW	Quality seed production in paddy	2	Off	25	—	25	8	—	8
30.05.08 31..05.08	F & FW	Production technology of important cash crops	2	Off	25	—	25	1	—	1
09.06.08 10.06.08	EF	SRI method of paddy cultivation	2	On	28	2	30	1	—	1
14.07.08 15.07.08	F & FW	Org. input management for sustainable crop production	2	Off	22	3	25	10	—	10

Annual Report (April, 2009 - March, 2010)

Date	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
18.07.08 19.07.08	F & FW	Low cost technology in agriculture	2	On	25	–	25	3	–	3
28.07.08 29.07.08	F & FW	Production of quality aromatic rice	2	Off	25	–	25	4	–	4
04.08.08 05.08.08	F & FW	Low cost technology in agriculture	2	Off	25	–	25	6	–	6
12.08.08 13.08.08	RY	Vermiculture & vermicomposting - A viable enterprise for UE youth	2	On	25	–	25	4	–	4
08.09.08 14.09.08	RY	Seed business for self employment	7	On	15	–	15	2	–	2
16.09.08 17.09.08	F & FW	Seed production technology in important pulses	2	Off	25	–	25	11	–	11
22.09.08 23.09.08	F & FW	Seed production technology in important pulses	2	Off	25	–	25	11	–	11
06.11.08 07.11.08	F & FW	Quality seed production in paddy	2	On	25	–	25	2	–	2
10.11.08 11.11.08	F & FW	Quality seed production in paddy	2	On	25	–	25	3	–	3
05.12.08 06.12.08	F & FW	Save your own seed – The technique	2	Off	25	–	25	8	–	8
06.03.09 07.03.09	F & FW	Organic input management for sustainable crop production	2	Off	25	–	25	7		7
Horticulture										
21.04.08 22.04.08	F & FW	Summer vegetable cultivation	2	Off	25	-	25	6	-	6
3.05.08 5.05.08	F & FW	Dryland horticulture	2	Off	15	10	25	4	6	10

Annual Report (April, 2009 - March, 2010)

Date	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
14.5.08 15.5.08	F & FW	Package and practices of tropical tuber crops	2	Off	25	-	25	9	-	9
11.06.08 12.06.08	F & FW	Package and practices of ginger and turmeric	2	Off	24	1	25	1	-	1
23.07.08 24.07.08	F & FW	Cultivation of important plantation crops.	2	Off	25	-	25	7	-	7
30.07.08 31.07.08	F & FW	Package and practices for short duration fruit crops	2	Off	23	2	25	6	-	6
20.08.08 1.08.08	RY	Production technology of commercial flowers.	2	On	25	-	25	6	-	6
15.09.08 17.09.08	RY	Plant propagation, nursery management, QPM production	3	On	25	-	25	6	-	6
20.06.08 21.06.08	EF	Organic vegetable production	2	On	20	-	20	-	-	-
10.09.08 11.09.08	EF	Physiological disorders of fruits and vegetable their management	2	On	20	-	20	-	-	-
22.10.08 23.10.08	F & FW	Agro technique of onion cultivation	2	Off	20	5	25	6	-	6
26.11.08 27.11.08	F & FW	Hybrid vegetable cultivation	2	Off	22	3	25	3	1	4
1.12.08 2.12.08	F & FW	Cultivation of high vegetable crops	2	Off	25	-	25	6	-	6
	RY	Commercial floriculture	3	On	25	-	25	7	-	7
16.12.08 17.12.08	F & FW	Production technology of parwal and standardization.	2	Off	25	-	25	4	-	4
16.01.09 17.01.09	F & FW	Off season vegetable cultivation	2	Off	25	-	25	5	-	5

Date	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
21.01.09 22.01.09	F & FW	Summer vegetable cultivation	2	Off	25	-	25	10	-	10
09.02.09 10.02.09	F & FW	Package and practices of ginger and turmeric.	2	Off	20	5	25	3	-	3
24.02.09 25.02.09	F & FW	Orchard management.	2	On	20	-	20	-	-	-
PLANT PROTECTION										
24.10.08 25.10.08	F & FW	Insect pest & disease management in solanaceous vegetable	2	Off	21	4	25	5	—	5
24.11.08 25.11.08	F & FW	Insect pest & disease management in short duration fruit crops (pineapple, banana, papaya)	2	Off	25	—	25	4	—	4
19.12.08 20.12.08	F & FW	IPM of cole crops	2	Off	25	—	25	1	—	1
26.12.08 27.12.08	F & FW	Diseases & insect pest mgmt in oilseeds (G.nut, Sunflower, Mustard)	2	Off	25	—	25	3	—	3
20.01.09 21.01.09	RY	Indigenous technologies for mgmt. of insect pest and disease of field crop	2	On	13	2	15	3	—	3
27.01.09 28.01.09	F & FW	Management of disease & insect pests of important fruit crops (mango & coconut)	2	Off	25	—	25	10	-	10
08.04.09 09.04.09	F & FW	management of insect pest & diseases on pulses (Greengram, Blackgram & Arhar)	2	Off	18	7	25	2	-	2
29.05.09	F & FW	Rodent control	1	Off	25	-	25	3	-	3
30.05.09	F & FW	Insect pest & diseases management in sugarcane	1	Off	25	-	25	5	-	5
23.06.09	F & FW	Important disease and insect pest of jute	1	Off	23	2	25	3	2	5

Date	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
		and their management								
13.07.09 14.07.09	EF	Physical and cultural controls are the major tools for IPM	2	On	13	2	15	-	-	-
24.07.09	F&FW	Major insect pest and diseases of Kharif paddy and their management	1	Off	25	-	25	7	-	7
29.07.09	F&FW	Major insect pest and diseases of Kharif paddy and their management	1	Off	25	-	25	3	-	3
05.08.09 06.08.09	EF	Biopesticide for management of diseases and insect pest on field crops	2	On	11	4	15	1	1	2
18.08.09 to 24.08.09	VT	Development and production of biocontrol agents for bio rational pest amangmnet	7	On	15	-	15	1	-	1
08.09.09 09.09.09	RY	Bee keeping a remunerative enterprise for rural youth	2	On	30	-	30			
14.0 9.09	F&FW	Application of eco friendly approaches on pest controll	1	Off	25	-	25			
AGRIL. EXTENSION										
25.07.08 26.07.08	F & FW	Group dynamics	2	Off	25	-	25	-	-	-
11.08.08 12.08.08	F & FW	Market driven agriculture	2	Off	22	3	25	3	-	3
16.09.08 22.09.08	RY	Commercial agri-enterprises	7	On	15	-	15	-	-	-
21.02.09	F & FW	Group dynamics	2	Off	25	-	25	-	-	-

Date	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
22.02.09										
24.02.09 25.02.09	F&FW	Management of WSHG	2	Off	-	25	25	-	-	-
AGRICULTURE ENGINEERING										
19.05.08 20.05.08	F & FW	Usages of primary and secondary tillage implements for intercultural operations of seedlings and planting materials.	2	On	21	4	25	4	-	4
21.05.08 22.05.08	F & FW	Use and operations of seeding and planting materials.	2	On	21	4	25	4	-	4
ANIMAL SCIENCE										
12.04.09 13.04.09	F&FW	Preventive and curative control measures against contagious and infectious diseases of small and large animals.	2	On	16	9	25	-	-	-
24.04.09 25.04.09	F&FW	General care & management of diary animals for optimum milk production.	2	On	25	-	25	-	-	-
PISCICULTURE										
16.06.08 17.06.08	F&FW	Composite fish farming	2	On	22	3	25	3	-	3
HOME SCIENCE										
29.10.08 30.10.08	F & FW	Planning and layout of nutritional garden	2	Off	–	25	25	–	–	–
28.11.08 29.11.08	F & FW	Oyster mushroom production	2	Off	–	25	25	–	11	11
22.12.08 24.12.08	F & FW	Safe storage of food grain	2	Off	–	25	25	–	–	–

Annual Report (April, 2009 - March, 2010)

Date	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
29.12.08 30.12.08	EF	Scientific method to protect nutritive value of foods	2	On	—	15	15	—	1	1
19.01.09 20.01.09	F & FW	Skill development in remunerative enterprise	2	Off	—	25	25		1	1
21.01.09 22.01.09	F & FW	Preparation of seasonal preserved fruits & vegetable		Off		25	25		1	1
16.02.09 17.02.09	F & FW	Skill development on remunerative enterprises	2	Off	-	25	25	-	6	6
20.02.09 21.02.09	F & FW	Preparation of seasonal preserved products from fruits and vegetables.	2	On	-	25	25	-	1	1
29.04.09	RY	Preparation of ready to use convenience food	1	Off	—	15	15	-	-	-
11.05.09 12.05.09	F & FW	Preparation of low cost nutritious recipes from locally available food materials	2	Off	-	25	25	-	-	-
21.05.09	F & FW	Use of farm implements for drudgery reduction	1	Off	-	25	25	-	-	-
11.06.09	F & FW	Paddy straw mushroom cultivation	1	Off	-	25	25	-	20	20
26.06.09 27.06.09	RY	Mushroom spawn production technology	2	On	-	25	25	-	13	13
23.07.09 29.07.09	Vocational Training	Mushroom spawn production technology	7	On	-	15	15	-	7	7
27.08.09	F&FW	Care & nourishment for carrying mother and new born babies	1	Off	-	25	25	-	-	-
09.09.09	F&FW	Low cost baby food from cereal and	1	Off	-	25	25	-	6	6

Date	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total

(D) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Mushroom spawn production		Mushroom spawn production technologies	7	-	15	15				
Commercial agri-enterprises	Commercialization of agriculture and animal husbandry	Commercial agri-enterprises	7	15	-	15	Fishery, vermicompost, poultry, duckery, mushroom	7	7	
Field crops	Insect pest and disease management	Development & production of Biocontrol agent for bio rational pest mgmt	7	15	-	15				

* training title should specify the major technology /skill transferred

(E) Sponsored Training Programmes

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

1	Acid soil management	Amendment of problematic soil	Feb-Mar ,2009	4	F&FW	4	235	59	85	21	320	80	400	Govt.of India
2	Watershed management	Resource conservation technologies	Mar, 2009	7	F&FW	1	35	10	5	-	40	10	50	WTCER
3	poly house technology													
Total														

3.4. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	9	400	50	450	32	-	32	432	50	482
Kisan Mela	2	165	35	200	15	-	15	180	-	215
Kisan Ghosthi	4	210	-	210	40	-	40	250	-	250
Exhibition	3	565	445	610	37	-	37	602	145	747
Film Show	89	975	215	1090	38	2	40	1113	215	1328
Method Demonstrations	5	85	55	160	-	-	-	85	55	160
Farmers Seminar	-	-	-	-	-	-	-	-	-	-
Workshop	-	-	-	-	-	-	-	-	-	-
Group meetings	9	180	47	227	-	-	-	180	47	227
Lectures delivered as resource persons	12									

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Newspaper coverage	13									
Radio talks	6									
TV talks	16									
Popular articles	5									
Extension Literature	2									
Advisory Services	718	680	38	718	12	-	12	692	38	730
Scientific visit to farmers field	136									
Farmers visit to KVK	1255	937	318	1255	85	-	-	1022	85	1107
Diagnostic visits	13	85	42	117	5	-	-	-	-	122
Exposure visits	2	15	-	15	-	-	-	-	-	15
Ex-trainees Sammelan	1	45	5	50	5	-	5	-	-	55
Soil health Camp	-	-	-	-	-	-	-	-	-	-
Animal Health Camp	-	-	-	-	-	-	-	-	-	-
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	-	-	-	-	-	-	-	-	-	-
Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Self Help Group Conveners meetings	2	-	-	-	-	-	-	-	-	-
Mahila Mandals Conveners meetings	1	-	-	-	-	-	-	-	-	-
Celebration of important days (specify)	2	70	30	100	20	-	20	90	30	120
Any Other (Specify)										
Total	2305	4412	1280	5202	289	2	201	4646	665	5558

3.5 Production and supply of Technological products SEED MATERIALS

Category	Crop	Variety	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
CEREALS					
	Paddy	Khandagiri	17.10	25,853	27 distributed among the farmers, 562 farmers
		Swarna	150.0	2,19,750	
		Pratikshya	45.0	65,925	
		Durga	43.50	63,728	
		Pooja	75.30	1,10,315	
OILSEEDS					
PULSES					
	Moong	OBGG-52	1.15	5635	Disposed to OSSC
VEGETABLES					
FLOWER CROPS					
OTHERS (Specify)					

--	--	--	--	--	--

SUMMARY

Sl. No.	Crop	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
1	CEREALS	330.9	4,85,571	Yet to distributed
2	OILSEEDS			
3	PULSES	1.15	5,635	Yet to distributed
4	VEGETABLES			
5	FLOWER CROPS			
6	OTHERS			
TOTAL		332.05	491206	

PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
FRUITS					
	Mango	Amrapalli	100	1650	100
	Papaya	Pusa Dwarf	1200	5000	15
SPICES					
	Onion	Agrifound light red	60000	5000	12
VEGETABLES					
	Early cauliflower	Pusa Early Synthetic	50000	5000	15
	Capsicum	Bharat	5000	5000	5
	Tomato	BT10	2000	500	10
	Brinjal	Green Star Long	2000	500	12
	Cabbage	Hybrid	1500	400	9
	Chilli	Hybrid	500	100	2
FOREST SPECIES					
ORNAMENTAL CROPS					
	Marigold	Serakol orange	4000	1000	50
PLANTATION CROPS					

Sl. No.	Crop	Variety	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
	Coconut	TXD	100	3800	40
Others (specify)			126400	27950	270

SUMMARY

Sl. No.	Crop	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
1	FRUITS	1300	6650	115
2	VEGETABLES	61000	11500	53
3	SPICES	60000	5000	12
4	FOREST SPECIES			
5	ORNAMENTAL CROPS	4000	1000	50
6	PLANTATION CROPS			
7	OTHERS			
	TOTAL	126300	24150	230

BIO PRODUCTS

Sl. No.	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
			No	(kg)		
BIOAGENTS						
1						
BIOFERTILIZERS						
1						
BIO PESTICIDES						
1						

SUMMARY

Sl. No.	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
			No	(kg)		
1	BIOAGENTS					
2	BIO FERTILIZERS					

3	BIO PESTICIDE					
	TOTAL					

LIVESTOCK

Sl. No.	Type	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
			(Nos	Kgs		
Cattle						
Sheep and Goat						
Poultry						
Fisheries						
Others (Specify)						

SUMMARY

Sl. No.	Type	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
			Nos	Kgs		
1	CATTLE					
2	SHEEP & GOAT					
3	POULTRY					
4	FISHERIES					
5	OTHERS					
	TOTAL					

3.6. Literature Developed/Published (with full title, author & reference)**(A) KVK News Letter (Date of start, Periodicity, number of copies distributed etc.)**

Start date	Periodicity	No. of copies distributed	Title	Author & reference
20.09.2008	Quarterly	500	Sabuja Swapna	All Scientists
23.12.2008	Quarterly	500	Sabuja Swapna	All Scientists

(B) Literature developed/published

Item	Title	Authors name	Number
Research papers	Paddy parboiling unit – a appropriate technology for farm women	S.Agrwal, D.Patra Indian farming Vol : 58 , March 2009	1

	Cultivation practices of Sarpagandha	D.Mishra Anita Mohanty	1
	Disaster management with respect to flood and cyclone	M.Mohapatra	1
Technical reports			
News letters	Sabuja Swapna	A.P.Kanungo D.Mishra M.Mohapatra	2(1000)
Technical bulletins	IPM in paddy	P.Behera	1(1000)
Popular articles			
Extension literature	Cultivation of bulb onion	Anita Mohanty	1(1000)
Others (Pl. specify)			
TOTAL			

N.B. Please enclose a copy of each. In case of literature prepared in local language please indicate the title in English

(C) Details of Electronic Media Produced

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

3.7. Success stories/Case studies, if any (two or three pages write-up on each case with suitable action photographs)

- Name and Address of the Farmer : Sri. Kishore Kanta Raut
At : Achyutpur
Post : Dharmasala
- Name of the Enterprise / Crop / Practice : Brinjal
- Initial Status : After graduating in Arts Sri. Raut decided to take up farming as his career instead of searching for any job. He extended his helping hand to his father who cultivated 8 acres of land by traditional method of farming and earned about Rs. 30000/- annually. He cultivated agril. crops such as HYV paddy, sugar cane, Mung, sunflower, Groundnut & vegetable crops like brinjal, tomato, chilli in different season.
- Intervention of K.V.K : During village survey KVK, Barchana found that Brinjal was severely infested by shoot and fruit borer in that village. About 80% fruits were damaged for which farmers were getting less return. To minimize the infestation KVK, Jajpur intervene the technology on Management of

	shoot and fruit borer in Brinjal through FLD programme. The farmers are advised to apply neem cake @ 250 kg/ha followed by application of <i>Trichogramma Chilonis</i> @ 50,000/ha, installation of Pheromone trap @ 20 No./ha, foliar spray of multineem @ 1.5 lt/ha & cartrap hydrochloride @ 500 gm/ha respectively.
Adoption of the technology and Benefit of farmer	: During 2008 Sri. Raut cultivated Brinjal in 1.5 acre of land followed the technology step by step. By adapting the technology he got 220 q brinjal per hectare and the infestation reduced from 80% to 7-8%. Due to which he got an additional return of Rs.51250/ha
Innovative extension approach	: Motivation through personal contact, , training, input supply and proper follow ups.
Extent of diffusion of the newly adopted technology	: Farmers of the nearby villages also followed this technology and got the same result. So, they appreciated the technology by getting the good yield as well as good return.the technology is also telecast through ETV (Annadata) for wide publicity.
Follow up action	: K.V.K is now providing exposure visits to Sri Raut's unit, trainings to other farmers of different adopted villages for dissemination of this technology.
Name and Address of the Farmer	: Laxmipriya Behera At: Dhanmandal Barchana Jaipur.
Name of the Enterprise / Crop / Practice	: Oyster mushroom cultivation
Initial Status	: Mrs. Laxmipriya Behera wife of Shri Lambodar Behera of village Dhanmandal wanted to supplement her family income came in contact with KVK. During discussion she expressed her interest to start an income generating activity with less investment and inputs. So, she got training on oyster mushroom cultivation from KVK on 2008. After getting training she motivated and started an enterprise on oyster mushroom. Initially she spent Rs.1000/- for the purchase of spawn and other related material and laid 50 numbers bed. She harvested 102kg of mushroom on an average 2kg/bed and sold to the local vendor @Rs 40/kg. she earned Rs.4080

with in 2 months which which enabled her to develop self confidence and became enthusiastic towards enterprise. Her next attempt was on big scale. In Rabi season 2008 she again prepared 400 numbers of beds with an expenditure of Rs. 4500/- and this time she got 7.8 quintals of mushroom @ Rs. 40/- and earned Rs.31,200/-. Mushroom spawn was procured from KVK. Thus in a short span of three months she earned about Rs.35,280/- she was extremely happy with her achievement. Now she is planning to do mushroom cultivation throughout the year i.e paddy straw mushroom from the month April to November and oyster mushroom from December to March. She is interested to take up paddy straw mushroom cultivation as an enterprise this and also wants project proposal on small scale mushroom model farm from KVK to submit under the programme of PD, DRDA, Jajpur. After seeing her success WSHGS from village Chattia, Barchana, Dhanmandal became motivated and adopted the technology in their household level. 50 numbers of farmer and farm women have procured 1100 numbers of spawn from KVK and started oyster mushroom cultivation in Rabi, 2008.

3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

KVK has developed its own innovative approach for transfer of Technology during year 2007-08 and 2008-2009 it has formed 9 farms clubs, out of which 4 have been tied up with NABARD for all round development of the villages. Before adoption of new village PRA survey was done farmers were motivated to form a farmers club to address their common problem. It has got tremendous response from village like Hatakaranda, Achyutpur, Barachana, Buta, Chalathili & Baghua villages.

From KVK point view the work of KVK like conducting FLDs OFT and trainings became easy. KVK gives responsibility to farmers club for selection of beneficiaries, which is generally difficult task in villages. Other village level problems are solved by the farmers themselves. This innovative approach has been appreciated by district level authorities so this should be replicated everywhere to carry on the extension work.

3.9 Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
--------	-------------------	---------------	----------------

1	Brinjal	Application of one part of prepared solution of 1Kg. Calotropis leaves, 1Kg. Pongamia 1Kg Neem Cake, 1Kg. Cow dung, 50 Kg. Molasses & 5Ltr. Water kept for 7-12 days and sprayed with 10 part water.	Management of fruit and shoot borer
2	Paddy	Application of lotus leaves in between paddy bags to keep away rice moth in stored rice for six months	Management of rice moth

3.10 Indicate the specific training need analysis tools/methodology followed for

- Identification of courses for farmers/farm women
- Rural Youth
- Inservice personnel

3.11 Field activities

- i. Number of villages adopted : 5
- ii. No. of farm families selected : 375
- iii. No. of survey/PRA conducted :2

3.12. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : Not yet established

1. Year of establishment :
2. List of equipments purchased with amount :

Sl. No	Name of the Equipment	Qty.	Cost
1	Nil		
Total			

3. Details of samples analyzed so far :

Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
Soil Samples	Nil			
Water Samples				
Total				

4.0 IMPACT

4.1. Impact of KVK activities (Not to be restricted for reporting period).

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Nitrogen management in Kharif paddy	20	60	4,000	5,100
Varietal substitution in paddy (Pratikhya)	50	100		
Water management in sugarcane	16	50	38,500	49,000
Phosphorus management in rabi groundnut	20	30	19000	24000
Control in borer in brinjal	20	75	8500	12500
Disease management in dairy cows	20	40	3600	4500
Vermicompost production	10	30		1500
Oyster mushroom cultivation	10	90		3600
Paddy straw mushroom cultivation	30	65		3500
Year round fodder production	15	20		3600
Scientific poultry management services	9	55		12000

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants.

4.2. Cases of large scale adoption

It was revealed from the PRA cultivation of local multiplier onion is a common practice in Jajpur district in Rabi season. Farmers are not well aware of the bulb onion cultivation. Being a cash crop KVK, scientist decided to take up bulb onion crop in adopted village of KVK, Hatakaranda. Five farmers were interested to take up bulb onion in the year 2006-07. Seedlings supplied to them under FLD programme. fertilizers Like N:P:K were given in bed method and all other scientific practices were followed. In case frontline demonstration the farmers grew their multiplex onion in their own practices. After harvesting the farmers were surprised to see the yield of 250q/ha in case of bulb onion because the local multiplier onion yielded only 145q/ha. They got Rs70,000/- and Rs. 20,000/- as net return from bulb onion and local multiplier onion respectively.

The above result was an eye opener for many farmers in the locality. In the very next year i.e 2007-08 the technology spread to another 15 villages of the block adopting 59 farmers covering an area 15.5 kg/ha. Now this year 28 villages have been taken up by the cultivation fetched a very good market price in the village Barchana

In the year 2007-08, involving 20 farmers and fetched very good market price

4.3 Details of impact analysis of KVK activities carried out during the reporting period

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Nitrogen management in Kharif paddy	20	60	4,000	5,100
Water management in sugarcane	16	50	38,500	49,000
Phosphorus management in rabi groundnut	20	30	19000	24000
Control in borer in brinjal	20	75	8500	12500
Disease management in dairy cows	20	40	3600	4500
Vermicompost production	10	30		1500
Oyster mushroom cultivation	10	90		3600
Paddy straw mushroom cultivation	30	65		3500
Year round fodder production	15	20		3600
Scientific poultry management services	9	55		12000
Production of bulb onion	20	15	20,000	50,000

5.0 LINKAGES**5.1 Functional linkage with different organizations**

Sl. No.	Name of the organization	Nature of linkage
1.	State Departments of Agriculture, Horticulture, Animal Husbandry, Fisheries etc.	Joint diagnostic survey, conducting vocational and in-service training, FLD, supply of inputs, saplings, implements, fingerlings etc.
2.	All India Radio, Doordarshan & ETV	Radio talk, TV talk, field recording, Participation in Farm & Home Programme, Question-Answer forum
3.	Dept. of Social Forestry	Supply of saplings.
4.	Asst. Director of Fisheries-cum-CEO, FFDA, Jajpur	Conducting vocational training and FLD
5.	Orissa State Seed Corporation and Orissa State Seed Certification Agency	Production of foundation seeds of paddy and green gram at KVK, Instructional Farm and procurement by OSSC
6.	IMAGE, Bhubaneswar	Participation in meeting and training

Sl. No.	Name of the organization	Nature of linkage
7.	Regional Centre of Central Tuber Crop Research Institute, Bhubaneswar	Participation in meeting and training, supply of tuber crop planting material.
8.	NRC on Women in Agriculture, Bhubaneswar	Participation in meeting and training
9.	CIFA, Bhubaneswar	Training to sponsored farmers, supply of fingerling, monitoring production activities.
10.	CRRI, Cuttack	Supply of germplasm for Seed production, FLD & OFT, Biological Nitrogen Fixation.
11.	NGOs (Biswa Kalyan Sevak Samaj, Lok Vikash, Bidhata, Pallishree, Sanskar)	Imparting training in agriculture and allied science, income generation to the farmers under SHG, poverty alleviation programmes.
12.	National Medicinal Plants Board, Deptt. of AYUSH Min. of Health & Family Welfare, Govt. of India, New Delhi	Special Ad-hoc project of Medicinal Plants
13	Central Poultry Complex Govt. of India, Bhubaneswar	Broiler and Layer chicks
14	National Research Centre on Groundnut, Junagarh, Gujrat	Groundnut seeds and technologies
15	Regional Plant Resource Centre Bhubaneswar	Training of scientists, counseling on Medicinal plants and supply of tissue culture plants
16	Regional Research Laboratory, Govt. of India, Bhubaneswar	Quality analysis of Medicinal plants
17	IFFCO	Training of elite farmers
18	Dist. Administration	Vocational Training of farmers and SHGs under Zilla Sakhyrta Mission
19	NABARD and other Nationalized Banks	Promotion of finance to farm entrepreneurs

NB The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, participation in meeting, contribution received for infrastructural development, conducting training programmes and demonstration or any other

5.2 List special programmes undertaken by the KVK, which have been financed by State Govt./Other Agencies

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)
NABARD seed village		NABARD	
Model Oraganic farm	January, 2007	NOCF, Gaziabad	4,00,000

5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage	Remarks
1	PRA	Resource person as a master trainer	2 villages
2	Meetings	Governing board member and working committee	
3	SREP	SREP preparation	
4	Field visit	Diagnostic study	

5.4 Give details of programmes implemented under National Horticultural Mission

S. No.	Programme	Nature of linkage	Constraints if any
1	Verification of Banana plantation		
2	Verification of sources of planting material		
3	Verification of root and tuber crops		

5.5 Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage	Remarks
1			

6. PERFORMANCE OF INFRASTRUCTURE IN KVK**6.1 Performance of demonstration units (other than instructional farm)**

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

6.2 Performance of instructional farm (Crops) including seed production

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Cereals	20.06.08	2.01.09	8.0	Khandagiri, Swarna, Pratikshya, Durga, Pooja	'F' seeds	330.9	2,87,213	4,85,571	
Pulses	20.02.09	13.04.09	2.0	OBGG-52	'F' seeds	1.15		5,635	
Oilseeds									
Fibers									
Spices & Plantation crops									
Floriculture									
Fruits									
Vegetables									
Others (specify)									

6.3 Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

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

6.4 Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	

6.5 Utilization of hostel facilities

Accommodation available (No. of beds) : K.V.K hostel is used for office accommodation as we don't have sufficient space in the administrative building. The existing administrative building handed over by Govt. of Orissa is used for training hall purposes and godwan.

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
October 2006	Nil	Nil	Nil
November 2006	Nil	Nil	Nil
December 2006	Nil	Nil	Nil
January 2007	Nil	Nil	Nil
February 2007	Nil	Nil	Nil
March 2007	Nil	Nil	Nil
April 2007	Nil	Nil	Nil
May 2007	Nil	Nil	Nil
June 2007	Nil	Nil	Nil
July 2007	Nil	Nil	Nil
August 2007	Nil	Nil	Nil
September 2007	Nil	Nil	Nil

(for whole of the year)

7. FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
With Host Institute			
With KVK	State Bank of India	Chandikhole	110163039099

7.2 Utilization of funds under FLD on Oilseed (Rs. In Lakhs)

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2009
	Kharif 2008	Rabi 2008 -09	Kharif 2008	Rabi 2008-09	
Inputs	Nil	Nil	Nil	9962	
Extension activities	Nil	Nil	Nil	2200	
TA/DA/POL etc.	Nil	Nil	Nil	Nil	
TOTAL	Nil	Nil	Nil	9962	

7.3 Utilization of funds under FLD on Pulses (Rs. In Lakhs)

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2009
	Kharif 2008	Rabi 2008 -09	Kharif 2008	Rabi 2008-09	
Inputs	Nil	Nil	Nil	4516	
Extension activities	Nil	Nil	Nil	2200	
TA/DA/POL etc.	Nil	Nil	Nil	Nil	
TOTAL	Nil	Nil	Nil	6717	

7.4 Utilization of funds under FLD on Cotton (Rs. In Lakhs)

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2009
	Kharif 2008	Rabi 2008 -09	Kharif 2008	Rabi 2006-09	
Inputs					
Extension activities					
TA/DA/POL etc.					
TOTAL					

7.5 Utilization of KVK funds during the year 2007-08 and 2008 -09 (March, 2009) (year-wise separately) (current year and previous year)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			
2	Traveling allowances	12500	12500	118087
3	Contingencies			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	286850	286850	204148
B	POL, repair of vehicles, tractor and equipments			82702
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)			219750
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			72039
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)			80805
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	400000		21457
G	Training of extension functionaries			5949
H	Maintenance of buildings			Nil
I	Establishment of Soil, Plant & Water Testing Laboratory			Nil
J	Library			
TOTAL (A)				
B. Non-Recurring Contingencies				
1	Works	Nil	Nil	Nil
2	Equipments including SWTL & Furniture	Nil	Nil	Nil
3	Vehicle (Four wheeler/Two wheeler, please specify)	Nil	Nil	Nil
4	Library (Purchase of assets like books & journals)	Nil	Nil	Nil
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

7.5 Status of revolving fund (Rs. in lakhs) for the three years

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
April 2006 to March 2007	13,679	4,05,456	2,91,613 + 1.0 lakh deposited at OUAT	27,522
April 2007 to March 2008	27,522	3,87,894	2,74,393	1,32,493
April 2008 to March 2009	1,32,493	4,53,347	3,14,067 + 2 lakh deposited at OUAT	71,773

8.0 Please include information which has not been reflected above (write in detail).

8.1 Constraints

- a) Administrative: Funds for FLD oil seed and pulses are not being released in time.
Contractual appointment of scientist and staff dissuades them to work in off hours.
- b) Technical: Financial support for establishment of soil testing lab.
Stray cattle menace due to damage of barbed wire fencing.
Rabi and summer crops are not possible due to lack of irrigation .
Approach and farm road in damaged condition
- c) Financial: Funds for establishment of demonstration units.

(Signature of OIC Reports)

Krishi Vigyan Kendra, Jajpur

(Signature of Programme Coordinator)

Krishi Vigyan Kendra, Jajpur