# <u>REVISED PROFORMA FOR ANNUAL REPORT –</u> <u>2008-09</u>

## **REVISED PROFORMA FOR ANNUAL REPORT – 2008-09**

## **1. GENERAL INFORMATION ABOUT THE KVK**

1.1. Name and address of KVK with phone, fax and e-mail

Address		Telephone		E mail
Krishi Vigyan Kendra, AAU, Telipara,		Office	FAX	
Gossaigaon - 783 360, District : Kokrajha	ar, Assam	03669-292704		

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

Address	Telephone		E mail
	Office	FAX	
Assam Agricultural University, Jorhat – 785 013,	03669-292704		
Assam			

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

Name	Telephone / Contact				
	Residence	Mobile	Email		
Dr. Yogendra Prasad	+9194351-27053	+9194351-27053			

1.4. Year of sanction: 1985

#### 1.5. Staff Position (as on 30<sup>th</sup> September 2009)

SI. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator	Dr. Y. Prasad	Programme Coordinator	Plant Pathology	12000- 18300	18720	31.08.01	Permanent	Gen
2	Subject Matter Specialist	Dr. M.N. Rav	Subject Matter Specialist	Veterinary Extension	12000- 18300	16620	07.08.96	Permanent	OBC
3	Subject Matter Specialist	Dr. B.C. Deka	Subject Matter Specialist	Nematology		8000	10.11.08		Gen
4	Subject Matter Specialist	Mrs. M. Chakravarty	Subject Matter Specialist	Soil Science	8000- 13500	8000	07.11.08		Gen
5	Subject Matter Specialist	Mrs, S. Brahma	Subject Matter Specialist	Horticulture	8000- 13500	8000	07.11.08		ST
6	Subject Matter Specialist	Mr. C.R. Deka	Subject Matter Specialist	Agril. Extension	8000- 13500	8000	07.11.08		Gen
7	Subject Matter Specialist	Mr. M. U. Basumatary	Subject Matter Specialist	Agronomy	8000- 13500	8000			ST
8	Programme Assistant	Mrs. D. Brahma	Programme Assistant	Plant Breeding & Genetics	5375- 10700	5375	17.03.09		ST
9	Computer Programmer	Mr. A. Bora	Computer Programmer	Horticulture	5375- 10700	6600	18.12.01	Permanent	Gen
10	Farm Manager	Mr. A. Brahma	Farm Manager	Agril. Extension	5375- 10700	5375	22.01.09		ST
11	Accountant / Superintendent	Mr. S.C. Choudhury	Accountant / Superintendent		4120- 9725	9400	11.12.06	Permanent	OBC
12	Stenographer	Mr. P.K. Basumatary	Stenographer		3580- 8750	5900	23.10.87	Permanent	ST
13	Driver	Mr. A.S.	Driver		3130-	6425	18.02.06	Permanen	ST

		Borgoyari		6600				
14	Driver	Md. A. Ali	Driver	3580-	6075	18.02.06	Permanen	ST
				8750				
15	Supporting	Mr. R.N.	Supporting	2650-	4120	01.11.85	Permanen	ST
	staff	Narzary	staff	5200				
16	Supporting	Mr. D.	Supporting	2650-	4120	15.11.85	Permanen	ST
	staff	Basumatary	staff	5200				

## 1.6. Total land with KVK (in ha)

S. No.	Item	Area (ha)
1	Under Buildings	1.5
2.	Under Demonstration Units	0.5
3.	Under Crops	7.0
4.	Orchard/Agro-forestry	2.0
5.	Others (specify)	-

:

## 1.7. Infrastructural Development:

## A) Buildings

		Source			Stag	е		
c		of	Complete			Incomplete		
No.	Name of building	funding	Completion Date	Plinth area (Sq.m)	Expenditur e (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	1987-88	157.45	2.00 lakh	-	-	-
2.	Farmers Hostel	ICAR	1987-88	910.10	14.00 lakh	-	-	-
3.	Staff Quarters (6)	ICAR	2003	132.76	5.98 lakh	-	-	-
4.	Demonstration Units (2)	-	-	-	-	-	-	-
5	Fencing	ICAR	1995	0.80km	4.92 lakh	-	-	-
6	Rain Water harvesting system	-	-	-	-	-	-	-
7	Threshing floor	ICAR	2005	225.00	1.31 lakh	-	-	-
8	Farm godown	-	-	-	-	-	-	-

## B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	2003	Transferred from RARS, Diphu	420.30 hrs.	Running Condition
Jeep	2006	490503.00/-	25224 km	- do –

C) Equipments & AV aids

Name of the equipment	Year of	Cost (Rs.)	Present status
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	purchase		
Amplifier	1988	3202.00	Repairable
Black Board	1987	150.00	Damaged
Calculator Machine	1986	252.00	Damaged
Camera	1987	5544.00	Repairable
Desktop Computer	2005	46206.00	Working
Digital Camera	2006	15080.00	Working
Duplicating Machine (Manual)	1986	6708.26	Damaged
Duplicating Machine (Automatic)	1995	39050.00	Repairable
Electronic Automatic Kelplus Macro block Digestion System	2007	248484.00	Need soil testing equipment
Fax Machine	2006	25792.00	Working
Film Rewinder	1988	179.20	Repairable
Flash Gun	1988	570.00	Damaged
Generator	1987	17360.00	Repairable
Horn	1988	358.00	Working
Line Connecting Transformer	1988	616.00	Damaged
Microphone	1988	1891.00	Repairable
Microphone Stand	1988	276.00	Working

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

SI.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.		1. Dr. V.M. Mayande, Vice-	1	1
		<mark>chancellor, Dr. P.D. K.V. Akola</mark>	2	2
		2. Dr. N. Sudhakar, Zonal	3	3
		Coordinator, ZC Unit	4	4
		Hyderabad	5	5
		<ol><li>Dr. S.R. Khonde, Director of</li></ol>	6	6
		Extension, Dr. P.D. K.V, Akola	7	7
		4. Dr. Vijaya Kumar, Director, AIR	8	8
		<mark>5</mark>	9	
		<mark>6</mark>		
		<mark>7</mark>		
		<mark>8</mark>		
2.				

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

## 2. DETAILS OF DISTRICT (2008-09)

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

S. No	Farming system/enterprise
1	Agri + Horti + Dairy Cow + Goatery + Poultry + Duckery
2	Agri + Horti + Dairy Cow + Goatery + Piggery + Poultry + Duckery + Pigeon + Fishery
3	Agri + Horti + Dairy Cow + Piggery + Poultry
4	Agri + Horti + Dairy Cow + Buffalo + Piggery + Poultry + Duckery + Pigeon
5	Agri + Horti + Dairy Cow + Goatery + Poultry + Duckery + Fishery

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

S. No	Agro-climatic Zone	Characteristics
1.	Lower Brahmaputra Valley Zone (LBVZ) of Assam	The climate is humid sub-tropical in nature characterised by warm – humid summer cool – dry winter. The monsoon months (June-September) are wet receiving 65-70% of the total rainfall while the winter months (December-February) remain virtually dry. The mean maximum and minimum temperature varies from 33-38°C and 8-10°C respectively.
	Agro ecological situation	
a.	Foot hills old mountain valley	Foot hills of Bhutan in northern part of the district. The soil is loamy to clay, rich in organic matter
b.	Flood free riverine old alluvial plain	Plain areas, sandy to sandy loam soil free from flood
C.	Flood prone riverine alluvial plain	Flood prone areas affected by river Champabati, Gaurang, Saralbhang and Sankosh
d.	Hills and hillocks	Hills and Hillocks areas, red clay soil
e.	Beels	Marshy/Swampy land, water logging low lying areas and covered with water hyacinth

#### 2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Alfisols (mountain valley)	Soil is loamy to clay and built up alluvial materials washed down from the hills slope. Medium to heavy textured soil	93658
2	Inceptisols (old alluvium)	Soils are old riverine alluvial type. Sandy loam to loamy soil and free from flood	162962
3	Entisols (recent alluvium)	Soils are recent riverine alluvial plain. Sandy or loamy sand and light textured soil	20758
4	Ultisols (laterised red)	Old alluvial soils are found. The surface soils are generally red to reddish brown and acidic in nature	37824

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

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

11		
12		
13		
14		
15		
16		
17		
18		
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21		
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26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		

## 2.5. Weather data

Month	Rainfall (mm)	Tempe	erature <sup>0</sup> C	Relative Humidity (%)
		Maximum	Minimum	
September 2008	446.4	31.6		
October	114.0	30.6		
November	0.0	28.8		
December	1.6	26.0		
January 2009	0.0	24.4		
February	0.0	27.7		
March	37.4	30.5		
April	122.6	31.4		
May	401.8	31.4		
June	593.4	32.6		
July	422.8	33.0		
August	686.6	31.6		

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

Category	Population	Production	Productivity
Cattle			
Crossbred			
Indigenous			
Buffalo			
Sheep			

Crossbred		
Indigenous		
Goats		
Pigs		
Crossbred		
Indigenous		
Rabbits		
Poultry		
Hens		
Desi		
Improved		
Ducks		
Turkey and others		

Category	Area	Production	Productivity
Fish			
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

## 2.6 Details of Operational area / Villages (2008-09)

SI.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas

## 2.7 Priority/thrust areas

Crop/Enterprise	Thrust area
Rice*	Integrated Nutrient Management*
Rice*	Integrated Pest Management*
Sorghum*	Soil moisture conservation*

\* An example for guidance only

## **3. TECHNICAL ACHIEVEMENTS**

## 3.A. Details of target and achievements of mandatory activities by KVK during 2008-09

OFT <mark>(Te</mark>	OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other			
					Crops/En	<mark>terprises)</mark>		
1						2		
Number of OFTs		Number of Farmers		Number of FLDs		Number of Farmers		
Targets	Achievement	Targets	Targets Achievement		Achievement	Targets	Achievement	

Training <mark>(</mark> i trainings	including sp carried unc	oonsored, voc ler Rainwater	Extension Activities					
		3			4			
Num	ber of Cours	ses	Number of Participants		Number of activities		Number of participants	
<b>Clientele</b>	Targets	Achieveme nt	Target s	Achievem ent	Targets	Achiev ement	Targets	Achiev ement
<b>Farmers</b>								
Rural youth								
Extn. Functionaries								
1								

Seed P	Production (Qtl.)	Planting material (Nos.)				
	5	6				
Target	Achievement	Target	Achievement			

#### 3.B. Abstract of interventions undertaken

			Identified Problem			Inte	erventions		
S. No	Thrust area	Crop/ Enterprise		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 Achievements on technologies assessed and refined

## A.1 Abstract of the number of technologies assessed\* in respect of crops/enterprises

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal										
Evaluation										
Seed / Plant										
production										
Weed										
Management										
Integrated										
Crop										
Management										
Integrated										
Nutrient										
Management										
Integrated										
Farming										
System										
Mushroom										
cultivation										
Drudgery										
reduction										
Farm										
machineries										
Value										
addition										
Integrated										
Pest										
Management										
Integrated										
Disease										
Management										

Resource					
conservation					
technology					
Small Scale					
income					
generating					
enterprises					
TOTAL					

\* Any new technology, which may offer solution to a location specific problem but not tested earlier in a given micro situation.

#### A.2. Abstract of the number of technologies refined\* in respect of crops/enterprises

Thematic	Cereals	Oilseeds	Pulses	Commercial	Vegetables	Fruits	Flower	Plantation	Tuber	TOTAL
Varietal				Crops				crops	Crops	
Evaluation										
Seed / Plant										
production										
Weed										
Management										
Integrated										
Crop										
Management										
Integrated										
Nutrient										
Management										
Integrated										
Farming										
System										
Mushroom										
cultivation										
Drudgery										
reduction										
Farm										
machineries										
Post Harvest										
Technology										
Integrated										
Pest										
Management										
Integrated										
Disease										
Management										
Resource										
conservation										
technology										
Small Scale										
income										
generating										
enterprises		l								
IOTAL				1				1	1	

\* Technology that is refined in collaboration with ICAR/SAU Scientists for improving its effectiveness.

## A.3. Abstract of the number of technologies **assessed** in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitary	Fisheries	TOTAL
Evaluation of Breeds								
Nutrition Management								
Disease of								
Management								
Value Addition								
Production and								
Management								
Feed and Fodder								
Small Scale income								
generating enterprises								
TOTAL								

## A.4. Abstract on the number of technologies refined in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitry	Fisheries	TOTAL
Evaluation of Breeds								
Nutrition Management								
Disease of								
Management								
Value Addition								
Production and								
Management								
Feed and Fodder								
Small Scale income								
generating enterprises								
TOTAL								

#### B. Details of each On Farm Trial to be furnished in the following format

#### A. Technology Assessment

Trial 1

1)	Title	:	Varietal evaluation of bengalgram**
2)	Problem diagnose/defined	:	Low productivity of non-descript and local bengalgram varieties grown on
			rainfed black soils of northern Nellore district**
3)	Details of technologies		
	selected for assessment		
	/refinement	:	
			i. Annegiri (Farmers Practice)** ii. ICCV-37** iii. JG-11**
4)	Source of technology	:	ICRISAT and JNKVV, Jabalpur**
5)	Production system		
	thematic area	:	Rainfed cereal based system (Sorghum-sunflower System)
6)	Thematic area	:	Varietal evaluation**
7)	Performance of the		
	Technology with		
	performance indicators	:	Results showed that JG-11 recorded highest yield (1562 kg/ha), B:C

- 8) Final recommendation for micro level situation :
- 9) Constraints identified and feedback for research :
- 10) Process of farmers participation and their reaction

:

JG-11 may be grown in place of cv. Annegiri on rainfed black soils of northern Nellore District\*\*

Mention the specific constraints and feedback

Briefly mention the extent, level and process of farmers participation in planning, execution, monitoring, evaluation of the trial and their reaction towards the performance, efficacy, adoptability etc. of the improved technology assessed/refined

#### 11). Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Bengalgram	Rainfed	Low productivity of local varieties	Varietal evaluation	10	1. Annegiri (Farmers Practice)**	No. of branches/plant, No. of pods/plant, Days to maturity			
					2. JG-11**				

#### \* No. of farmers

Technology Assessed	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
11	12	13	14
1. Annegiri (Farmers Practice)**			
2. JG-11**			

\*Field crops – kg/ha, \* for horticultural crops -= kg/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

#### B. Technology Refinement

#### Trial 1

<mark>1.</mark>	Title	:	Improved nutrient management for control of reddening in cotton **
2.	Problem diagnose/defined	:	Magnessium deficiency and low productivity
			of cotton grown rainfed black soils of central Amaravati district**
3.	Details of technologies selected fo	r assessr	nent/refinement:
		<mark>i.</mark> ii. iii.	40 kg N + 30 kg P2O5 - Farmers Practice** 50:25:25 NPK/ha + 2% Urea spray at flowering stage + 0.2 % magnesium sulphate (one spray) and 2% DAP +0.2% magnesium sulphate at boll formation stage (two spray) – Recommended practice** 50:25:25 NPK/ha + spraying of soluble fertilizer 19:19:19 NPK @ 1% + 0.2% magnesium sulphate at square formation and flowering stage (two spray) and spray of soluble fertilizer 12:61:00 @ 1% +0.2% magnesium sulphate at boll formations stage (two spray) – Refined Practice**
4.	Source of technology	:	Dr. P.D. K.V Akola**
5.	Production system thematic area	:	Rainfed cotton based system (Cotton – Bengalgram System)
6.	Thematic area	:	Integrated nutrient management**
7.	Performance of the Technology		
	with performance indicators	:	The refined practice of nutrient management
			had less incidence of reddening of leaves (13 per plant), more number of bolls (22) and higher yield (11.75
			g/ha) as compared to other treatments of nutrient management.
8.	Final recommendation for		
	micro level situation	:	Application of 50:25:25 NPK/ha + spraying of soluble fertilizer
			19:19:19 NPK @ 1% + 0.2% magnesium sulphate at square formation and flowering stage (two spray) and spray of
			soluble fertilizer 12:61:00 @ 1% +0.2% magnesium sulphate at boll formations stage (two spray) may be recommended
			for control of reddening in cotton on rainfed medium black soils of central Amaravati**
9.	Constraints identified and		
	feedback for research	:	Mention the specific constraints and feedback
10.	Process of farmers participation		
	and their reaction	:	Briefly mention the extent, level and process of farmers

participation in planning, execution, monitoring, evaluation of the trial and their reaction towards the performance,

efficacy, adoptability etc. of the improved technology refined

#### 11). Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology refined	Parameters	Data on the parameter	Results of refinement	Feedback from the farmer	Justifi cation for refinement
1	2	3	4	5	6	7	8	9	10	11
Cotton	Rainfed	Magnesium deficiency and low productivity	Improved nutrient management for control of reddening in cotton **	5		Days to 50% maturity, no. of bolls/plant, no. of red leaves/plant				

\* No. of farmers

Technology Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
12	13	14	15
1. 40 kg N + 30 kg P2O5 - Farmers Practice**			
2. 50:25:25 NPK/ha + 2% Urea spray at flowering stage			
+0.2 % magnesium sulphate (one spray) and 2% DAP			
+0.2% magnesium sulphate at boll formation stage (two			
spray) – Recommended practice**			
3. 50:25:25 NPK/ha + spraying of soluble fertilizer			
19:19:19 NPK @ 1% + 0.2% magnesium sulphate at			
square formation and flowering stage (two spray) and			
spray of soluble fertilizer 12:61:00 @ 1% +0.2%			
magnesium sulphate at boll formations stage (two spray)			
– Refined practice**			

\*Field crops – kg/ha, \* for horticultural crops -= kg/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	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizo	ontal spread c echnology	of
					No. of villages	No. of farmers	Area in 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.)

SI. No.	Crop	The matic area	Tech nolog y Dem onstr	Season and year	Area (	ha)	No	o. of farmer emonstratio	rs/ on	Reasons for shortfall in achievem ent
			aleu		Proposed	Actual	SC/ST	Others	Total	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			ious crop	ing date	est date	asonal all (mm)	of rainy days
				N	Ρ	к	Previ	NOS	Han	Serain	No.

Performance of FLD

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

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

#### Economic Impact (continuation of previous table)

Average Cost of cult (Rs./ha)	tivation	Average Gross Retur	n (Rs./ha)	Average Net Return (Rs./ha)	Benefit- Cost	
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	(Gross Return / Gross Cost)
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				
		4. Plant Protection				
		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	
2	

#### Extension and Training activities under FLD

SI.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	crop	No. of farmers	Area (ha)	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the	Remarks
Implement					Demon.	Local check	parameter	

\* Field efficiency, labour saving etc.

#### (ii) Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds etc.	Performance parameters / indicators	* Data on par relation to te demonst Demon.	rameter in chnology trated Local check	% change in the parameter	Remarks

\* 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 pa in relati techno demons Demon.	arameter on to ology trated Local check	% change in the parameter	Remarks
Mushroom								
Apiary								
Sericulture								
Vermi compost								

# 3.3 Achievements on Training (Including the sponsored, vocational, FLD and trainings under Rainwater Harvesting Unit) :

### A) ON Campus

Thematic area	No. of	Participants								
	courses		Others			SC/ST		<mark>(</mark>	Frand Tota	<mark>ıl</mark>
		Male	Female	Total	Male	Female	Total	<b>Male</b>	<mark>Female</mark>	Total
(A) Farmers &										
Farm Women										
I Crop Production										
Weed Management										
Resource										
Conservation										
Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Water management										
Seed production										
Nursery										
management										
Integrated Crop										
Management										
Fodder production										
Production of										
organic inputs										
II Horticulture										
a) Vegetable Crops										
Production of low										
volume and high										
value crops										
Off-season										
vegetables										
Nursery raising										

Exotic vegetables					
Export potential				 	
vegetables					
standardization					
Protective					
cultivation (Green					
Houses, Shade Net					
etc.)					
b) Fruits					
Training and Pruning					
Layout and					
Management of					
Orchards					
Cultivation of Fruit					
Management of					
young plants/orchards					
Rejuvenation of old					
orchards					
Export potential					
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					
d) Diamental Plants					
d) Plantation crops				 	 
Monogoment					
technology					
Processing and					
value addition					
e) Tuber crops					
Production and					
Management					
technology					
Processing and					
value addition					
f) Spices					
Production and				 	
Management					
technology					
Processing and					
a) Medicinal and				 	
Aromatic Plants					

Nursery								
Production and							 	
management								
technology								
Post harvest								
technology and								
value addition							 	 
III Soil Health and								
Fertility								
Nanagement							 	 
Soli leftility								
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								
Soll and water								
IV Livesteek								
IV LIVESTOCK								
Production and								
Management								
Doim: Monogoment							 	
Dairy Management							 	
rouiu y Management								
Piggery								
Management								
Rabbit Management							 	 
Disease								
Management								
Feed management								
Production of								
quality animal								
products								
V Home								
Science/Women								
empowerment								
Household food							 	
security by kitchen								
gardening and								
nutrition gardening								
Design and								
development of								
low/minimum cost								
diet							 	 
Designing and								
high nutrient								
mgn nuutuut	1	1	1	1	1	1		

		1	r			
efficiency diet						
Minimization of						
nutrient loss in						
processing						
Gender						
mainstreaming						
through SHGs				 	 	
Storage loss						
minimization						
techniques						
Value addition						
Income generation						
activities for						
empowerment of						
rural Women						
Location specific						
drudgery reduction						
technologies						
Rural Crafts						
Women and child						
care						
VI Agril.						
Engineering						
Engineering						
Installation and						
maintenance of						
micro irrigation						
systems						
Use of Plastics in						
farming practices						
Production of small						
tools and						
implements						
Repair and						
maintenance of farm						
machinery and						
implements						
Small scale						
processing and						
value addition						
Post Harvest						
Technology						
VII Plant						
Protection						
Integrated Pest						
Management						
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					
Corp fry and					
fingerling rearing					
Composite fish					
culture					
Hatchery					
management and					
culture of					
freshwater prawn					
Breeding and					
culture of					
Dortable plastic corr				 	
hatchery					
Pen culture of fish					
and prawn					
Shrimp farming					
Edible ovster					
farming					
Pearl culture					
Fish processing and					
value addition					
IX Production of					
Inputs at site					
Seed Production					
Planting material					
production					
Bio-agents					
production					
Bio-pesticides					
production					
Bio-fertilizer					
production					
Vermi-compost					
production				 	
organic manures					
Production of fry				 	
and fingerlings					
Production of Bee-					
colonies and wax					
sheets					
Small tools and					
implements					
Production of					
livestock feed and					
fodder					
froduction of Fish					
V Canacity					
Ruilding and					
Group Dynamics					
Leadership				 	
development					
Group dynamics					
Formation and					
Management of					

SHGs										
Mobilization of										
social capital										
Entrepreneurial										
development of										
farmers/youths										
WTO and IDD										
w IO and IPK										
issues										
XI Agro-forestry										
Production										
technologies										
Nurgery										
INUISELY										
management										
Integrated Farming										
Systems										
TOTAL										
(B) RURAL										
YOUTH										
Mushroom										
Production										
Bee-keeping										
Integrated farming										
Sand production										
Del di C										
Production of										
organic inputs										
Integrated Farming										
Planting material										
production										
Vermi-culture										
Sericulture										
Protected										
cultivation of										
vagatable grops										
Commonial fruit										
production										
Repair and										
maintenance of farm										
machinery and										
implements										
Nursery										
Management of										
Horticulture crops										
Training and										
pruning of orchards										
Value addition										
Production of										
quality animal										
quality annual										
products										
Dairying										
Sheep and goat										
rearing										
Quail farming										
Piggery										
Rabbit farming		1			1		1	1		
Poultry production										
Ornamental										
fisherias										
nsneries										
Para vets	1	1	1		1	1	1	1	1	1

Para extension workers						
Composite fish						
culture					·	
Freshwater prawn						
Shrimp forming				 		
Dearl culture				 		
Cold water fisheries				 		
Fish homeost and				 		
processing						
technology						
Fry and fingerling						
rearing						
Small scale						
processing						
Post Harvest						
Technology						
Tailoring and						
Stitching						
Rural Crafts				 	·	
TOTAL						
(C) Extension						
Personnel						
anhancomont in						
field crops						
Integrated Pest						
Management						
Integrated Nutrient						
management						
Rejuvenation of old						
orchards						
Protected						
cultivation						
technology					·	
Formation and						
Management of						
Group Dynamics				 		
and farmers						
organization						
Information						
networking among						
farmers						
Capacity building						
for ICT application				 	·	
Care and						
maintenance of farm						
implements					ļ	
WTO and IPR						
issues						
Management in				 L		
farm animals					ļ	
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					
TOTAL					

## B) OFF Campus

Thematic area	No. of	Participants								
	courses	Others     SC/ST     Grand Tot       Male     Female     Total     Male     Female       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Secon						d		
		Male	Female	Total	Male	Female	Total	Male	<b>Female</b>	Total
(A) Farmers &										
Farm Women										
I Crop Production										
Weed Management										
Resource										
Conservation										
Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Water management										
Seed production										
Nursery										
management										
Integrated Crop										
Management										
Fodder production										
Production of										
organic inputs										
II Horticulture										
a) Vegetable Crops										
Production of low										
volume and high										
value crops										
Off-season										
vegetables										
Nursery raising										
Exotic vegetables										
like Broccoli										
Export potential										
vegetables										
Grading and										
standardization										
Protective										
Cultivation (Green										
nouses, shade net										
b) Fruits										
Training and										
Pruning and										
I avout and										
Management of										
Orchards										
Cultivation of Fruit										
Management of										
voung										
plants/orchards										
Rejuvenation of old										
orchards										
Export potential										

	-			r	-	-		
fruits								
Micro irrigation								
systems of orchards								
Plant propagation								
techniques								
c) Ornamental								
Plants								
Nursery								
Management								
Management of								
ivialize filents								
Forest prairies					 			
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								
I) Spices					 			
Production and								
Management								
technology							·	-
Processing and								
value addition								
g) Medicinal and								
Aromatic Plants								
Nursery								
management								
Production and								
management								
technology								
Post harvest								
technology and								
value addition								
III Soil Health and								
Fertility								
Management								
Soil fertility								
management								
Soil and Water								
Conservation								
Integrated Nutrient								
Management								
Production and use								
of organic inputs								
Monogeneent C								
Problement OF								
Problematic soils								
Micro nutrient								
deficiency in crops		1	1	1		1	1	

Nutrient Use						
Efficiency						
Soil and Water						
Testing						
IV LIVESTOCK						
Production and						
Management						
Dairy Management						
Poultry						
Piggery						
Management						
Rabbit Management						
Disease						
Management						
Feed management						
Production of						
quality animal						
products						
V Home						
Science/Women						
amnamannant						
empowerment						
Household food						
security by kitchen						
gardening and						
Design and						
development of						
low/minimum cost						
diet						
Designing and						
development for						
high nutrient						
efficiency diet						
Minimization of						
nutrient loss in						
processing						
mainstreaming						
through SHGs						
Storage loss						
minimization						
techniques						
Value addition						
Income generation						
activities for						
empowerment of						
rural Women						
drudgery reduction						
technologies						
Rural Crafts						
Women and child						
care						
VI Agril.						
	1	1	1	1		1

Engineering										
Installation and										
maintenance of										
micro irrigation										
Systems Use of Direction in										
Use of Plastics in										
Provide a structure struct										
Production of small										
tools and										
implements				-			-			
Repair and										
maintenance of farm										
machinery and										
implements										
Small scale										
processing and										
value addition										
Post Harvest										
Technology										
VII Plant										
Protection										
Integrated Pest										
Management										
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										
Hatchery										
management and										
culture of										
freshwater prawn										
Breeding and										
culture of										
ornamental fishes										
Portable plastic carp										
hatcherv										
Pen culture of fish										
and prawn										
Shrimp forming										<u> </u>
forming										
Deerl entrum										
Fearl culture										
Fish processing and										
value addition			1	1	1			1		

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						
Broduction of Boo						
colonies and way						
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						
Mobilization of						
social capital						
Entrepreneurial						
development of						
farmers/youths						
WTO and IPR						
issues						
XI Agro-forestry						
Production						
technologies						
Nurserv						
management						
Integrated Farming						
Systems						
TOTAL					 	
(B) RURAL						
YOUTH					 	
Mushroom						
Production						
Bee-keeping				 	 	
Integrated farming						

	1	1	1	1		1	1	
Seed production								
Production of								
organic inputs								
Integrated Farming								
Planting material								
production								
Vormi culturo	 							
Sericulture								
Protected								
cultivation of								
vegetable crops								
Commercial fruit								
production								
Renair and								
maintenance of farm								
machinery and								
implements								
M								
Nursery								
Management of								
Horticulture crops								
Training and								
pruning of orchards								
Value addition								
Production of								
quality animal								
products								
Deimina								
Dairying								
Sheep and goat								
rearing								
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamontal								
fisheries								
Itsneries								
Para vets								
Para extension								
workers								
Composite fish								
culture								
Freshwater prawn								
culture								
Shrimn farming								
Deerl sultaining								
Pearl culture								
Cold water fisheries								
Fish harvest and								
processing								
technology								
Fry and fingerling								
rearing								
Small scale	1	1	1		-	1		
processing								
Poet Horvoot	 							
Toohnoloor								
Technology								
Lailoring and								
Stitching	 ļ							
Rural Crafts								
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					
TOTAL					

## C) Consolidated table (ON and OFF Campus)

Thematic area	No. of				Р	articipants	8			
	courses		Others			SC/ST		(	arand Tota	l <mark>l</mark>
		Male	Female	Total	Male	Female	Total	Male	<b>Female</b>	Total
(A) Farmers & Farm Women										
I Crop Production										
Weed Management										
Resource										
Conservation										
Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Water management										
Seed production										
Nursery										
management										
Integrated Crop										
Management										
Fodder production										
Production of										
organic inputs										
II Horticulture										
a) Vegetable Crops										
Production of low										
volume and high										
value crops										
Off-season										
vegetables										
Nursery raising										
Exotic vegetables										
Export potential										
vegetables										
Grading and										
standardization										
Protective										
cultivation (Green										
Houses, Shade Net										
b) Fruits										
Training and										
Pruning										
Layout and										
Management of										
Orchards										
Cultivation of Fruit										
Management of										
young										
Praints/orchards										
orchards										

Export potential fruits						
Micro irrigation						
systems of orchards						
Plant propagation						
techniques					 	
Plants						
Nursery						
Management						
Management of potted plants						
Export potential of						
ornamental plants						
Propagation						
techniques of						
Ornamental Plants						
d) Plantation crops					 	
Production and						
Management						
Drocossing and						
value addition						
e) Tuber crops						
Production and						
Management						
technology						
Processing and						
value addition						
f) Spices						
Production and						
Management						
technology				 	 	
Processing and						
value addition						
g) Medicinal and						
Aromatic Plants						
management						
Production and						
management						
technology						
Post harvest						
technology and						
value addition						
III Soil Health and						
Fertility						
Management						
Soll Tertility						
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						
IV LIVESTOCK						
Production and						
Managamant						
Management						
Dairy Management						
Poultry						
Management						
Piggery						
Management						
Dabbit Management						
Rabbit Management						
Disease						
Management						
Feed management						
Production of						
quality animal						
products						
V Home						
Seienee/Wennen						
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						
nrocessing						
Gender						
mainstreaming						
through SUCs						
Storage loss						
Storage loss						
minimization to sha i succe						
techniques						
Value addition						
Income generation					ļ	
activities for					1	
empowerment of						
rural Women					ļ	
Location specific						
drudgery reduction						
technologies						
Rural Crafts						
Women and child						
care					1	

VI Agril.							
Enginooring							
Engineering							
Installation and							
maintenance of							
micro irrigation							
systems							
Use of Plastics in							
farming practices					 		
Production of small							
tools and							
Implements Densin and					 		
Repair and							
machinery and							
implements							
Small scale							
processing and							
value addition							
Post Harvest							
Technology							
VII Plant							
Destation							
Protection							
Integrated Pest							
Management					 		
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							
Hatchery							
management and							
freshwater proven							
Prooding and							
culture of							
ornamental fishes							
Portable plastic carp							
hatchery							
Pen culture of fish		1					
and prawn							
Shrimp farming							
Edible oyster							
farming							
Pearl culture							

			-		-	
Fish processing and						
value addition						
IX Production of						
Inputs at site						
Seed Production						
Planting material						
production						
Bio-agents						
production						
Bio-pesticides						
production	 			 	 	
Bio-fertilizer						
production						
vermi-compost						
Organia manuras						
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						
Crown dynamics						
Group dynamics					 	
Formation and Management of						
SHGs						
Mobilization of						
social capital						
Entrepreneurial						
development of						
farmers/youths						
WTO and IPR						
issues						
XI Agro-forestry						
Production					 	
technologies						
Nurserv						
management						
Integrated Farming		1			-	
Systems						
TOTAL						
(B) RURAL						
YOUTH						
Mushroom						
Production						

Bee-keeping						
Integrated farming						
Seed production						
Production of						
organic inputs						
Integrated Farming						
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						
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						
Englishington provin						
riesiiwater prawii						
Shrimp forming						
Doorl culturo						
Cold water fisheries						
Cold water fisheries						
rish harvest and						
technology						
Fry and fingerling						
rearing						
Small scale						
processing						
Post Harvest		1	1			
Technology						
Tailoring and						
Stitching						

Rural Crafts						
TOTAL						
(C) Extension						
Personnel						
Productivity			-	-	-	
anhancement in						
field crops						
Integrated Pest						
Management						
Integrated Nutrient			-	-	-	
management						
Reiuvenation 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						
TOTAL						

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

<mark>Date</mark>	<mark>Client</mark> ele	Title of the training	<mark>Discipli</mark> ne	<mark>Themat</mark> ic area	<mark>Duratio</mark> n in days	<mark>Venue</mark> (Off / On	Nun othe part	nber o r icipar	o <mark>f</mark> nts	Nun SC/S	nber o ST	of 	Tota of part	l num icipan	lber gs
		<mark>program</mark> me				<mark>Camp</mark> us)	<mark>M</mark> ale	Fe m ale	<mark>To</mark> tal	<mark>M</mark> ale	Fe m ale	<mark>To</mark> tal	<mark>M</mark> ale	Fe ma le	<mark>To</mark> tal

(D) Vocational training programmes for Rural Youth

Crop / Enterprise	Date	Training title*	ldentified Thrust Area	Duration (days)	No.	of Particip	oants	Self e	Number of persons employed else where		
					Male	Female	Total	Type of units	Number of units	Number of persons employed	

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

#### (E) Sponsored Training Programmes

											N	o. of	Partici	oants			Spo	Amount
SI. No Da			Disc iplin e	The	Durati	Client	No.	Others		Others SC/ST		SC/ST		Total			nsor ing Age ncy	of fund received (Rs.)
	Date	Title		- mati c area	(days Y/EF) se		cour ses	M a I e	F e m a I e	Tota I	N a I e	F e m a I e	Tota I	Mal e	Fem ale	Tot al		
Tot al																		

## 3.4. Extension Activities (including activities of FLD programmes)

Sl. No.	Purpose/ Participants														
	Nature of Extension Activity	topic and Date	No. of activities	]	Farmer (Others) (I)	s )	SC/S	ST (Farr <mark>(II)</mark>	ners)	F	Extensio Officials (III)	n s	Gi (	rand To <mark>I+II+II</mark>	tal <mark>I)</mark>
1		Groundnut		Male 23	Female 5	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1.	Field Day	21.10.07*	1	20	2	20	2	4	6	2	1	0	27	10	37
2.	Field Day	<mark>Pigeonpea</mark> 11.11.07*													
3.	Field day														
4	Total Kizan Mala														
4.	Kisan Mela														
5.	Total														
6.	Kisan Ghosthi														
7.	Exhibition														
8.	Film Show														
9	Method														
	Demonstrations														
10.	Farmers														
	Seminar														
11.	Workshop														
12.	Group														
	meetings														
13.	Lectures														
	delivered as														
	resource														
	persons														
14	Newspaper														
	coverage														
15	Radio talks														
16	TV talks														
17	Popular articles														
17.	Extension														
10.	Literature														
10	Advisory														
19.	Advisory														
20	Services Scientific visit														
20.	Scientific visit														
21	to farmers field														
21.	Farmers Visit to														
22															
22.	Diagnostic														
	V1S1ts														
23.	Exposure visits														
24.	Ex-trainees														
	Sammelan														
25.	Soil health														
	Camp														
26.	Animal Health														
	Camp														

27.	Agri mobile							
20	Cail test							
28.	Soll test							
	campaigns							
29.	Farm Science							
	Club							
	Conveners							
	meet							
20	Solf Holp							
50.	Sell Help							
	Group							
	Conveners							
	meetings							
31.	Mahila							
	Mandals							
	Conveners							
	meetings							
32.	Celebration of							
	important days							
	(specify)							
	Grand Total							

\* Example for guidance only

## 3.5 Production and supply of Technological products

#### SEED MATERIALS

Major group/class	Сгор	Variety	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
CEREALS					
	Rice*	IET-14444	<mark>4</mark>	<mark>14000</mark>	<mark>15</mark>
	Rice*	BPT-343	5	<mark>15000</mark>	15
	Wheat*	<mark>Sahyadri</mark>	8	<mark>8000</mark>	20
OILSEEDS					
	Groundnut*	TCGS1	<u>10</u>	10000	25
PULSES					
VEGETABLES					
FLOWER CROPS					
OTHERS (Specify)					

\*An example for guidance only

## SUMMARY

Sl. No.	Major group/class	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
1	CEREALS			
2	OILSEEDS			
3	PULSES			
4	VEGETABLES			
5	FLOWER CROPS			
6	OTHERS			
	TOTAL			

#### PLANTING MATERIALS

Major group/class	Crop	Variety	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
FRUITS					
	Mango*	Alphanso*	<mark>600</mark>	<b>12000</b>	<b>100</b>
	Mango*	Kesar*	<mark>500</mark>	10000	<mark>40</mark>
	Pineapple*	Honeydew*	<mark>2000</mark>	100000	100
SPICES					
VEGETABLES					
FOREST SPECIES					
ORNAMENTAL CROPS					
PLANTATION CROPS					
Others (specify)					

\*An example for guidance only

#### SUMMARY

Sl. No.	Major group/class	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
1	FRUITS			
2	VEGETABLES			
3	SPICES			
4	FOREST SPECIES			
5	ORNAMENTAL CROPS			
6	PLANTATION CROPS			
7	OTHERS			
	TOTAL			

#### **BIO PRODUCTS**

Major group/class	Product Name	Species	Qua	antity	Value (Rs.)	Provided to No.
			No	(kg)		of Farmers
BIOAGENTS						
BIOFERTILIZERS						
1						
2						
3						

4			
BIO PESTICIDES			
1			
2			
3			
4			

## SUMMARY

Sl. No.	Duoduot Nomo	Species	Qua	ntity		Provided to No. of Farmers	
	Product Name	Species	Nos	(kg)	value (Ks.)		
1	BIOAGENTS						
2	BIO FERTILIZERS						
3	BIO PESTICIDE						
	TOTAL						

#### LIVESTOCK

Sl. No.	Туре	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
			(Nos	Kgs		
Cattle	<b>Buffalo</b> *	Murrah*				
Cattle	Duffalo*					
	Dullalo"					
SHEEP AND GOAT	Goat*	Osmanabadi*				
POULTRY	Hen*	Whiteleghorn*				
	Hen*	<mark>Giriraja*</mark>				
	Quails*					
FISHERIES						
Others (Specify)						
* An anomula for a						

\* An example for guidance only

#### SUMMARY

			Quantity			
Sl. No.	Туре	Breed	Nos	Kgs	Value (Rs.)	Provided to No. of Farmers
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.)

(B) Literature developed/published

ltem	Title	Authors name	Number of copies
Research papers	Performance of kharif groundnut varieties in southern rayalaseema zone*	Xxxx, yyyyy and zzzz	Not applicable
	Efficacy of plant protection measures against eriophyde mite*	Xxxx, yyyyy and zzzz	Not applicable
Total	2		
Technical reports			
Popular articles			
Leaflets/folders	Dairy – A profitable enterprise for marginal farmers*	Xxxx, yyyyy and zzzzz	<mark>300</mark>
Total	1		
GrandTOTAL	3		<mark>300</mark>

#### \* an example for guidance only

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

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

#### 3.8 Give details of innovative methodology/technology developed and used for Transfer of Technology during the year

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)

phot	egiaphe/		
S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK

#### 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
- ii. No. of farm families selected
- iii. No. of survey/PRA conducted

#### 3.12. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab

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

SI. No	Name of the Equipment	Qty.	Cost
1			
2			
3			
Total			

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3. Details of samples analyzed so far

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

#### 4.0 IMPACT

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

Name of specific	No. of	% of adoption	Change in incom	e (Rs.)
technology/skill transferred	participants		Before	After
			(Rs./Unit)	(Rs./Unit)

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

- 4.2. Cases of large scale adoption (Please furnish detailed information for each case)
- 4.3 Details of impact analysis of KVK activities carried out during the reporting period

## 5.0 LINKAGES

#### 5.1 Functional linkage with different organizations

Name of organization	Nature of linkage
1.	
2.	
3.	

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.)

#### 5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes/No

S. No.	Programme	Nature of linkage	Remarks

#### 5.4 Give details of programmes implemented under National Horticultural Mission

S. No.	Programme	Nature of linkage	Constraints if any

#### 5.5 Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage	Remarks

#### 6. PERFORMANCE OF INFRASTRUCTURE IN KVK

#### 6.1 **Performance of demonstration units (other than instructional farm)**

SI Domo	Domo	Voor of		Details of production			Amour		
No.	Unit	estt.	Area	Variety	Produce	Qty.	Cost of inputs	Gross income	Remarks

## 6.2 Performance of instructional farm (Crops) including seed production

Name	Date of sowing	Date of	Date of		Is of productio	n	Amount (Rs.)		Remarks
Of the crop		harvest	Ar (h	Variety	Type of Produce	Qty.	Cost of inputs	Gross income	Remarks
Cereals							•		
Rice									
Pulses									
Pigeonpea									
Oilseeds									
Fibers									
Spices & Planta	ation crops								
Floriculture									
Fruits									
Vegetables									
Others (specify	)								
	· · · · · · · · · · · · · · · · · · ·			/1 *		A 1 1 1 1 1	1		<b>`</b>

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

SI Name of the			Amou			
No.	Product	Qty	Cost of inputs	Gross income	Remarks	

## 6.4 Performance of instructional farm (livestock and fisheries production)

	Name	Details of production			Amou		
SI. No	of the animal / bird / aquatics	Breed	Type of Produce	Qty.	Cost of inputs	Gross income	Remarks

### 6.5 Rainwater Harvesting

## Training programmes conducted by using Rainwater Harvesting DemonstrationUnit

Date	Date Title of the training Client		No. of	No. of Participants including SC/ST			No. of SC/STParticipants		
course	course	(PF/RY/EF)	Courses	Male	Female	Total	Male	Female	Total

## 6.5 Utilization of hostel facilities

Accommodation available (No. of beds) : 60

Months	Title of the training course/Purpose of stay	No. of trainees stayed	Trainee days (days staved)	Reason for short fall (if any)
October 2006	Nursery management	<mark>25</mark>	125*	
	Improved farm implements			
Total				
November 2006				
Total				
December 2006				
Total				
January 2007				
Total				
February 2007				
Total				
March 2007				
Total				
April 2007				
Total				
May 2007				
Total				
June 2007				
Total				
July 2007				
Total				
August 2007				
Total				

September 2007		
Total		
Grand total		

5 X 25= 125 (Duration of the training course X No. of traininees)

## 7. FINANCIAL PERFORMANCE

#### 7.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
With Host Institute			
With KVK			

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

	Released by ICAR		Expenditure			
ltem	Kharif 2007	Rabi 2007 –08	Kharif 2007	Rabi 2007-08	Unspent balance as on 1 <sup>st</sup> April 2008	
Inputs						
Extension activities						
TA/DA/POL etc.						
TOTAL						

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

	Released	l by ICAR	Expen	Unspent	
ltem	Kharif 2007	Rabi 2007 -08	Kharif 2007	Rabi 2007-08	balance as on 1 <sup>st</sup> April 2008
Inputs					
Extension activities					
TA/DA/POL etc.					
TOTAL					

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

ltem	Released by ICAR Kharif 2007	Expenditure Kharif 2007	Unspent balance as on 1 <sup>st</sup> April 2008
Inputs			
Extension activities			
TA/DA/POL etc.			
TOTAL			

## 7.5 Utilization of KVK funds during the year 2007 -08 and 2008 -09 (upto Sep. 2008) (yearwise separately) (current year and previous year)

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

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

Year	Opening balance as on 1 <sup>st</sup> April	Income during the year	Expenditure during the year	Net balance in hand as on 1 <sup>st</sup> April of each year
April 2005 to March 2006				
April 2006 to March 2007				
April 2007 to March 2008				

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

#### 8.1 Constraints

- (a) Administrative
- (b) Financial
- (c) Technical

# Annexures

## <mark>District Profile - I</mark>

## Include the details of

1.	General census
2.	Agricultural and allied census
3.	Agro-climatic zones
<mark>4.</mark>	Agro-ecosystems
5.	Major and micro-farming systems
<mark>6.</mark>	Major production systems like rice based (rice-rice, rice-green gram, etc.), cotton
	based, etc.
7.	Major agriculture and allied enterprises

## Agro-ecosystem Analysis of the focus/target area - II

## <mark>Include</mark>

1.	Names of villages, focus area, target area etc.
2.	Survey methods used (survey by questionnaire, PRA, RRA, etc.)
3.	Various techniques used and brief documentation of process involved in applying
	the techniques used like release transect, resource map, etc.
4.	Analysis and conclusions
5.	List of location specific problems and brief description of frequency and extent/
	intensity/severity of each problem
6.	Matrix ranking of problems
7.	List of location specific thrust areas
8.	List of location specific technology needs for OFT and FLD
9.	Matrix ranking of technologies
10.	List of location specific training needs

# **Technology Inventory and Activity Chart - III**

## <mark>Include</mark>

1. Names of research institutes, research stations, regional centres of NARS (SAU and ICAR) and other public and private bodies having relevance to location specific technology needs

<mark>S1.</mark> No	Technology	Crop/enterprise	Year of release or recommendation of technology	Source of technology	Reference/citation
<b>1</b> .	Cv. BSMR-8 *	Pigeonpea	2006	MAU, Parbhani	Notification no. 656 dated 25.06.2006 of Central/State Varietal Release Committee/ Proceedings no. 66 of MAU, Parbhani dated 04.02.2006
<mark>2.</mark>	Modified Paddy Drum Seeder*	Improved Farm Implements	2007	Directorate of Rice Research	Proceedings/Notif ication no. 77 of DRR, Hyderabad dated 04.02.2007
<mark>3.</mark>	Stem application of Imidachloropid @ 0.04% *	Cotton	2008	ANGRAU, Hyderabad	Proceedings/Notif ication no. 88 of ANGRAU, Hyderabad dated 04.02.2008

2. Inventory of latest technology available \*

**PS** \* an example for guidance only

#### 3. Activity Chart

Crop/Animal/E nterprise	Problem	Cause	Solution	Activity	Reference of Technology
Cotton	Low productivity of cotton under rainfed medium black soils of Northern Amaravati	<ol> <li>Imbalance fertilizer application</li> <li>Pest and disease occurance</li> <li>Flower and fruit drop due to micro-nutrient deficiency</li> </ol>	<ol> <li>Application of recommend dose of Nutrients</li> <li>Integrated Pest control</li> <li>Micro-nutrient i.e boron application to control flower and fruit drop</li> </ol>	<ol> <li>Single component FLD to demonstrate effect of recommended dose of nutrients</li> <li>Training and FLD programme on integrated pest management of cotton pest</li> <li>OFT on management boron deficiency to control flower and fruit drop</li> </ol>	<ol> <li>SI. No. 6 of Technology Inventory</li> <li>SI. No. 45 of technology Inventory</li> <li>SI. No. 99 of Technology inventory</li> </ol>
Soybean					
Mulberry					
Jersy Cow					

#### 4. Details of each of the technology under Assessment, Refinement and demonstration

## <mark>Include</mark>

- a. Detailed account on varietal/breed characters for each of the variety/breed selected for FLD and OFT
   b. Details of technologies that may include formulation, quantity, time, methods of employed and of FLD.
- application of nutrients, pesticides, fungicides etc., for technologies selected under FLD and OFTs
- c. Details of location/area specificity of recommended technology viz., for each of the variety/breed/technology selected for FLD and OFT