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	Office	FAX	pckvkkhawzawl@rediffmail.com
Kendra (KVK),	03831-	03831-	
Khawzawl, PO-	261484,	261485	www.kvkkhawzawl.in
khawzawl, Distt	261486		
Champhai			
(MIZORAM)-796310			

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

Address	Telephone		E ma	ail
	Office	FAX		
Directorate of Agriculture (R&E) Aizawl, Mizoram- 796 001	0389- 2319025	03831- 2315784	-	

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

Name	Telephone / Contact				
	Residence Mobile Email				
C.Lalthlamuana	03831-261484	09862934732	pckvkkhawzawl@rediffmail.com		

1.4. Year of sanction:

1.5. Staff Position (as on 30th September 2007)

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	C.LALTHLAMUANA	Programme Co-ordinator	Plant Protection	12,000- 375- 16,500	12,375	17.7.08	Temporary	ST
2	Subject Matter Specialist	MALSAWMKIMI	SMS	Horticulture	8,000- 275- 13,500	8,000	03.06.09	Permanent	ST
3	Subject Matter Specialist	SAYED KHALIDUDDIN AHMED	SMS	Animal Science	8,000- 275- 13,500	8,275	26.4.08	Permanent	GENERAL
4	Subject Matter Specialist	Dr. BHANU PRAKASH MISHRA	SMS	Agril. Extension	8,000- 275- 13,500	8,275	28.4.08	Permanent	GENERAL
5	Subject Matter Specialist	VACANT	SMS	Soil Sc.	-	-	-	-	-
6	Subject Matter Specialist	VACANT	SMS	Plant Protection	-	-	-	-	-
7	Subject Matter Specialist	VACANT	SMS	Home Sc.	-	-	-	-	-
8	Programme Assistant	LALHRUAITLUANGI	Programme Assistant	Home Science	5,500- 175- 9000	5,675	1.7.08	Permanent	ST
9	Computer Programmer	SAMSON SAIRENGPUIA SAILO	Computer Programmer	Computer	5,500- 175- 9000	5,675	22.4.08	Permanent	ST
10	Farm Manager		_		5,500-	5,675			GENERAL

		PRAKASH THAPA	Farm Manager	B.Sc (Agri.)	175- 9000		25.4.08	Permanent	
11	Accountant / Superintendent	K.VANLALHMANGAIHI	Accountant / Superintendent	-	5,500- 175- 9000	5,675	29.5.08	Permanent	ST
12	Stenographer	CRUSADE THANGPUII	Stenographer	-	4,000- 100- 6,000	4,100	29.2.08	Permanent	ST
13	Driver	LALNUNTLUANGA	Driver	-	3,050- 70- 4,590	3,120	29.2.08	Permanent	ST
14	Driver	R.DENGLIANA	Driver	-	3,050- 70- 4,590	3,120	9.2.08	Permanent	ST
15	Supporting staff	LALTANPUIA	Supporting staff	-	2,550- 65- 3,200	2,615	10.7.08	Permanent	ST
16	Supporting staff	LALVENHIMA	Supporting staff	-	2,550- 65- 3,200	2,615	24.7.08	Permanent	ST

1.6. Total land with KVK (in ha)

S. No.	Item	Area (ha)
1	Under Buildings	1.31
2.	Under Demonstration Units	11.464
3.	Under Crops	Nil
4.	Orchard/Agro-forestry	Nil
5.	Others (specify)	Nil

:

1.7. Infrastructural Development:

A) Buildings

		Source	Stage					
S.		of		Complete)	Incomplete		
No.	Name of building	funding	Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	-	1	-	1	1	Completed
2.	Farmers Hostel	ICAR	-	-	-	-	-	Under construction
3.	Staff Quarters (6)	ICAR	-	-	-	-	-	Completed
4.	Demonstration Units (2)	-	-	-	-	-	-	-
5	Fencing	-	-	-	-	-	-	-
	Rain Water harvesting system	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	-	-
8	Farm godown	-	-	-	1	-	-	-

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Gypsy	-	-	-	Running condition

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
LCD projector	Sept,2008	-	Good
Xerox machine	Sept,2008	-	Good
Computer	Sept,2008	-	Good
Seed analyzer	Sept,2008	-	Good
Refrigerator	Sept,2008	-	Good
Incubator	Sept,2008	-	Good
Oven	Sept,2008	-	Good
Grinder	Sept,2008	-	Good
Laptop	Sept,2008	-	Good
T.V.	Sept,2008	-	Good
A.C.	Sept,2008	-	Good

1.8. A). Details SAC meeting* conducted in the year: Not Applicable

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.		<mark>1. </mark>	1	1
		<mark>2</mark>	2	2
		3	3	3
		<mark>4</mark>	4	4
		<mark>5</mark>	5	5
2.				

^{*} Attach a copy of SAC proceedings along with list of participants

2. DETAILS OF DISTRICT (2006-07)

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

S. No	Farming system/enterprise
J. 110	i aming systementerprise
1.	
	Horticulture + Hybrid maize + Animal Husbandry- Highland (>1250m MSL)
2.	
	Jhum Paddy + Vegetable + Animal Husbandry- Midland (900- 1250 m MSL)
3.	
	Wetland Rice + Fish + Winter Vegetables - Low land (< 900 m MSL)

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

S. No	Agro-climatic Zone	Characteristics
1.	Sub- tropical/ Sub- temperate/ Humid	Some parts of the district like Ngopa & Khawzawl block experienced all the three seasons i.e. winter, summer and rains, while in the Champhai valley the temperature ranges from 1-7° C for a longer period during winters. All crops severely affected due to the frosty weather. The relative humidity of the reason is higher due to the heavy rains 2500 mm annually.

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Black Soils		36550 ha
2	Red Soils		89600 ha

3	Alluvial Soils	31000 ha
4	Sandy soil	3600 ha
5	Acid Soils	89600 ha

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

S. No	Crop	Area (ha)	Production (QtI)	Productivity (Qtl /ha)
1	Jhum Paddy	5610	8975	16.00
2	Paddy (WRC)	4809	10685	22.21
3	Maize	2050	4311	21.00
4	Turmeric 392		4041	103.09
5	Ginger	2350	2382	100.00
6	Passion fruit	2484	2486.5	10.00
7	Grapes	447.5	2398	53.50
8	Banana	814	8954	1100.00
9	Pulses	692	849	12.26
10	Potato	138	1012	73.33

2.5. Weather data

Month	Rainfall (mm)	Temperature ⁰ C		Relative Humidity (%)
		Maximum	Minimum	
January	5100	-	-	-
February	800	-	-	-
March	6900	-	-	-
April	13700	-	-	-
May	31700	-	-	-
June	27100	-	-	-
July	40700	-	-	-
August	30300	-	-	-
September	30300	-	-	-
October	10000	-	-	-
November	13400	-	-	-
December	00000	-	-	-

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

Category	Population	Production	Productivity
Cattle	•	·	
Crossbred	-	560	-
Indigenous	7009	788	-
Buffalo	3058	391	-
Sheep	·	•	•
Crossbred	-	-	-
Indigenous	712	-	-
Goats	1185	-	-
Pigs			
Crossbred	-	-	-
Indigenous	30237	-	-
Rabbits	-	-	-
Poultry			
Hens	-	-	-
Desi	196037	-	-
Improved	-	-	-
Ducks	430	-	-
Turkey and others	-	-	-

Category	Area	Production	Productivity
Fish	-	-	-
Marine	-	-	-
Inland	-	-	-
Prawn	-	-	-
Scampi	-	-	-
Shrimp	-	-	-

2.6 Details of Operational area / Villages (2007-08)

SI.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Khawzawl	Khawzawl	Khawzawl	WRC + Jhum paddy + Maize + Winter vegetables + Animal Husbandry and Fisheries	 Improper nursery management in WRC. Improper nutrient management Infestation of insect pest and diseases. Lack of awareness toward s integrated farming Lack of knowledge and awareness on livestock management, feed and fodder production. 	 Nursery management Integrated nutrient management Integrated pest management Creating awareness for adoption of integrated farming. Creating awareness for livestock management and feed and fodder production.

2.	Khawzawl	Khawzawl	Biate	Jhum paddy + Tea + Orange + Vegetables + Animal Husbandry	 Lack of knowledge on crop rotation No proper post harvest management in tea. Lack of quality seed of different vegetables Citrus declining Lack of knowledge and awareness on livestock management, feed and fodder production. 	 Creating awareness on crop rotation and integrated farming Training on post harvest management in tea. Creating awareness for the use of quality seeds in different vegetables. Rejuvenation of old citrus orchards. Creating awareness for livestock management and feed and fodder production
3.	Champhai	Champhai	Champhai	WRC + Maize + Winter vegetables + Animal Husbandry and Fisheries	 Improper nursery management in WRC. Improper nutrient management Infestation of insect pest and diseases. Lack of awareness toward s integrated farming Lack of knowledge and awareness on livestock management, feed and fodder production. 	 Nursery management Integrated nutrient management Integrated pest management Creating awareness for adoption of integrated farming. Creating awareness for livestock management and feed and fodder production.

4.	Champhai	Champhai	Zotlang	WRC + Jhum paddy +Potato + Winter vegetables + Animal Husbandry	 Improper nursery management in WRC. Improper nutrient management Infestation of insect pest and diseases. Lack of awareness toward s integrated farming Lack of knowledge and awareness on livestock management, feed and fodder production. 	 Nursery management Integrated nutrient management Integrated pest management Creating awareness for adoption of integrated farming. Creating awareness for livestock management and feed and fodder production
5.	Champhai	Champhai	Hmunhmeltha	Jhum paddy + Vegetables + Animal Husbandry	 Lack of knowledge on crop rotation Lack of quality seed of different vegetables Citrus declining Lack of knowledge and awareness on livestock management, feed and fodder production. 	 Creating awareness on crop rotation and integrated farming Creating awareness for the use of quality seeds in different vegetables. Creating awareness for livestock management and feed and fodder production

6.	Champhai	Champhai	Tuipui	WRC + Jhum paddy + Maize + Winter vegetables + Animal Husbandry and Fisheries	 Improper nursery management in WRC. Improper nutrient management Infestation of insect pest and diseases. Lack of awareness toward s integrated farming Lack of knowledge and awareness on livestock management, feed and fodder production. 	 Nursery management Integrated nutrient management Integrated pest management Creating awareness for adoption of integrated farming. Creating awareness for livestock management and feed and fodder production.
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2.7 Priority/thrust areas

Crop/Enterprise	Thrust area
Rice	Integrated Nutrient Management, SRI Method of rice cultivation,
	weed management, varietal yield performance
Maize	Production of High Quality Protein Maize (HQPM), yield
	performance of different varieties
Fruits	High density planting, production of quality planting materials,
	rejuvenation of old orchards
Vegetables Vegetables	Selection of location specific high yielding varieties of different
	vegetables specially winter vegetables, Production of quality
	planting materials
Animal Husbandry	Identification of local breeds, promotion of round the year fodder
	production, organizing animal health camps, training on
	production and supplement of quality animal feeds for cattle, pig,
	poultry etc.
Soil Science	Collection and analysis of soil and water samples

^{*} An example for guidance only

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2007-08

OFT (T	<mark>echnology Asses</mark>	ssment and	l Refinement)	FI	LD <mark>(Oilseeds, Pu</mark> Crops/En	Ises, Cotto Iterprises)	<mark>n, Other</mark>
Number of OFTs Number of Farmers			Number of FLDs Number of Far			er of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
6	5	4	2	5	3	20	6

Training (oonsored, voc ngs conducted	Extension Activities						
		3			4				
Number of Courses Number of Participants						er of		Number of participants	
Clientele	Targets	Achieveme	Target Achievem		Targets	Achiev	Targets	Achiev	
		nt	s	ent	ement			ement	
Farmers	36	11	1140	495	30	10	680	185	
Rural youth	07	07	190	245					
Extn.	06	-	125	-					
Functionaries									

Seed P	roduction (Qtl.)	Plan	ting material (Nos.)
	5		6
Target	Achievement	Target	Achievement
Nil	Nil	Nil	Nil

3.B. Abstract of interventions undertaken

						Inte	Interventions							
S. No	Thrust area	Crop/ Enterprise	Identified Problem	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	INM in Rice	WRC & Jhum Paddy	Lack of awareness regarding nutrient management	INM in Rice										
2	Varietal Evaluation	Tomato	Non availability of locally suited variety	Varietal evaluation of Megha T-1& T-2										
3	Varietal Evaluation	Brinjal	Non availability of locally suited variety	Varietal evaluation of RCMBL-1										
4	Potato cultivation using TPS	Potato	Transportation of seed tubers and infestation of seed born diseases	Potato cultivation using TPS										
5	Yield performance of Paddy var- Sahasarang	Paddy												
6	-													
7														
8														
9														
10														
12														
14				I	l	l	I	Ī						

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										

\A/I				I	1		
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							
<u> </u>	1	l.	1		1		1

^{*} 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 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					
Post Harvest Technology					
Integrated Pest Management					
Integrated Disease Management					
Resource conservation technology					
Small Scale income generating enterprises					
TOTAL					

^{*} 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 Brinjal

2) Problem diagnose/defined: Low productivity of non-descript and local Brinjal grown on

Hill slopes and Rainfed at Champhai district

3) Details of technologies

selected for assessment

/refinement :

i. INM in rice

ii. Megha T1, T2 &T10 iii. RCMB-1 & 2

4) Source of technology : ICAR Barapani, Shillong, Meghalaya

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

ratio (1:5.5), No. of pods per plant (58.2/plant) compared to ICCV-37

and Annegiri**.

8) Final recommendation for

micro level situation : JG-11 may be grown in place of cv. Annegiri on rainfed black soils of northern

Nellore District**

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

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			

* 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

1. 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 for assessment/refinement:

i. 40 kg N + 30 kg P2O5 - Farmers Practice**

ii. 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**

iii. 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

q/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 **	<mark>5</mark>		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		Horizontal spread of technology	
					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 ated	Season and year	Area (ha) Proposed Actual		No de	Reasons for shortfall in achievem ent		
			aleu				SC/ST	Others	Total	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	oil type	Status of soil			ious crop	Sowing date	/est date	Seasonal ainfall (mm)	. of rainy days
	Ø		Soil	N	Р	К	Previ	Sow	Harv	Se	No.

Performance of FLD

SI.No.	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha		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)

ge Cost of cultivat (Rs./ha)	Average Gross Re	rn (Rs./ha)	Average Net Retur (Rs./ha)	Benefit- Cost Ratio		
4 4 !	Demonstration	Local Check	Local Check	Demonstration	Local Check	(Gross Return / Gross Cost)
4	16	15	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				
		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 implement	crop	No. of farmers	Area (ha)	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the	Remarks
					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 parameter in relation to technology demonstrated		% change in the	Remarks
						Demon.	Local check	parameter	

^{*} 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	on to logy	% change in the parameter	Remarks
				indicators	Demon.	Local check	parameter	
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				P	articipant	8			
	courses		Others			SC/ST		(Grand Tota	ıl
		Male	Female	Total	Male	Female	Total	Male	Female	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										

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Exotic vegetables							
like Broccoli							
Export potential							
vegetables							
Grading and							
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							
fruits							
Micro irrigation							
systems of orchards							
Plant propagation							
techniques							
c) Ornamental							
Plants							
Nursery							
Management of							
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							
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Nursery							
management							
Production and							
management							
technology							
Post harvest							
technology and							
value addition							
III Soil Health and							
Fertility							
Management							
Soil fertility							
management							
Soil and Water							
Conservation							
Integrated Nutrient							
Management							
Production and use			-				
of organic inputs							
Management of		-					
Problematic soils							
Micro nutrient							
deficiency in crops							
Nutrient Use							
Efficiency							
Soil and Water							
Testing							
IV Livestock							
Production and							
Management							
Dairy Management							
Poultry							
Management							
Piggery							
Management							
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							
development for							
high nutrient							
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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				
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 Discours				
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				

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hatchery								
management								
Carp fry and								
fingerling rearing								
Composite fish								
culture								
Hatchery								
management and								
culture of								
freshwater prawn								
Breeding and								
culture of								
ornamental fishes								
Portable plastic carp								
hatchery								
Pen culture of fish								
and prawn								
Shrimp farming								
Edible oyster								
farming								
Pearl culture								
Fish processing and								
value addition								
IX Production of								
Inputs at site								
Seed Production								
Planting material								
production								
Bio-agents production								
Bio-pesticides								
production								
Bio-fertilizer								
production								
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								
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Group Dynamics								
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SHGs								
Mobilization of								
social capital								
Entrepreneurial								
development of								
farmers/youths								
WTO and IPR								
issues								
XI Agro-forestry								
Production								
technologies								
Nursery								
management								
Integrated Farming								
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								
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							 	
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Para vets								
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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								
(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								
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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								
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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				P	articipant	S			
	courses		Others			SC/ST		(Grand Tota	1
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(A) Farmers &										
Farm Women										
I Crop Production										
Weed Management										
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Conservation										
Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Water management										
Seed production										
Nursery										
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Integrated Crop										
Management										
Fodder production										
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organic inputs										
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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.)										
b) Fruits										
Training and										
Pruning										
Layout and										
Management of										
Orchards										
Cultivation of Fruit										
Management of										
young										
plants/orchards										
Rejuvenation of old										
orchards										
Export potential										

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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									
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									
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Conservation									
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Management									
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deficiency in crops									
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Efficiency									
Soil and Water									
Testing									
IV Livestock									
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Management									
Management									
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Poultry									
Management									
Piggery	1								
Management									
Rabbit Management									
Disease									
Management									
Feed management									
Production of									
quality animal	1								
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V Home									
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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									
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processing	 								1
Gender									
mainstreaming	1								
through SHGs									
Storage loss	1								
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techniques									
Value addition		 							
Income generation									
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drudgery reduction	1								
technologies	1								
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Engineering							
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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							
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							
varue addition				<u> </u>			

IX Production of						
Inputs at site						
Seed Production						
Planting material						
production						
Bio-agents						
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Bio-pesticides						
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Bio-fertilizer						
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Vermi-compost						
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Organic manures						
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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						
XI Agro-forestry						
Production						
technologies						
Nursery						
management						
Integrated Farming						
Systems						
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Production						
Bee-keeping						
Integrated farming						
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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					1			
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 culture								
Freshwater prawn			 		 			
culture								
Shrimp farming			 		 			
Pearl culture								
Cold water fisheries								
Fish harvest and					1			
processing								
technology			-		-			
Fry and fingerling								
rearing								
Small scale								
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Post Harvest								
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(C) Extension							
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Productivity							
enhancement in							
field crops							
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Rejuvenation of old							
orchards							
Protected							
cultivation							
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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							
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Management in							
farm animals							
Livestock feed and							
fodder production							
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security Women and Child							
care							
Low cost and							
nutrient efficient							
diet designing							
Production and use							
of organic inputs							
Gender Gender							
mainstreaming							
through SHGs							
TOTAL							
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C) Consolidated table (ON and OFF Campus)

Male Female Total Male Female Total Male Female Fem	nd Total emale Total
Male Female Total Male Female Total Male Female Fem	
(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	
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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.)	
b) Fruits	
Training and	
Pruning	
Layout and Management of	
Management of Orchards	
Cultivation of Fruit	
Management of	
young plants/orchards	
Rejuvenation of old	
orchards	

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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								
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								
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Problematic soils								
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Management							
Dairy Management							
Poultry							
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							
development for							
high nutrient							
efficiency diet							
Minimization of nutrient loss in							
processing Gender							
mainstreaming							
through SHGs							
Storage loss							
minimization							
techniques							
Value addition							
Income generation							
activities for							
empowerment of							
rural Women							
Location specific							
drudgery reduction							
technologies							
Rural Crafts							
Women and child							
care							
care		<u> </u>	<u> </u>	<u> </u>	l	<u> </u>	<u> </u>

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					
Small scale					
processing and					
value addition					
Post Harvest					
Technology					
VII Plant					
Protection					
Integrated Pest					
Management					
Integrated Disease					
Management 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					
hatchery					
Pen culture of fish					
and prawn					
Shrimp farming					
Edible costs					
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 production Organic manures production Production of fry and fingerlings Production of Bee-	
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	
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Small tools and	
implements	
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livestock feed and	
fodder	
Production of Fish	
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Group Dynamics State Sta	
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Management of	
SHGs	
Mobilization of	
social capital	
Entrepreneurial	-
development of	
farmers/youths	
WTO and IPR	
issues	
XI Agro-forestry	
Production	
technologies	
Nursery	
management	
Integrated Farming	
Systems	
TOTAL	
(B) RURAL	
YOUTH	
Mushroom	
Production	
1100001011	

<u> </u>	1	T	1	1	1	T	1
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							
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							
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							
~							

		1		T		•	ı
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 Gender							
mainstreaming							
through SHGs							
TOTAL							
							<u> </u>

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

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

(D) Vocational training programmes for Rural Youth

Crop / Enterprise	Date	Training title*	Identified Thrust Area	Duration (days)	No.	of Particip	ants	Self e	mployed afte	er training	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

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

3.4. Extension Activities (including activities of FLD programmes)

Sl. No.		Purpose/							Partic						
	Nature of Extension Activity	topic and Date	No. of activities		Farmer (Others (I))		ST (Fari			Extensio Officials (III)	s	<u>(</u>	rand To	I)
1.	Field Day	Groundnut 21.10.07*	1	Male 23	Female 5	Total 28	Male 2	Female 4	Total 6	Male 2	Female 1	Total 0	Male 27	Female 10	Total
2.	Field Day	Pigeonpea 11.11.07*													
3.	Field day	11.11.0/*													
	Total														
4.	Kisan Mela														
5.	Kisan Mela Total														
6.	Kisan Ghosthi														
7.	Exhibition														
8.	Film Show														
9.	Method														
<i>)</i> .	Demonstrations														
10.	Farmers														
10.	Seminar														
11.	Workshop														
12.	Group														
12.															
13.	meetings Lectures														-
13.	delivered as														
	resource														
1.4	persons														
14.	Newspaper														
1.5	coverage														-
15.	Radio talks														
16.	TV talks														<u> </u>
17.	Popular articles														
18.	Extension														
	Literature														<u> </u>
19.	Advisory														
	Services														
20.	Scientific visit														
	to farmers field														
21.	Farmers visit to														
	KVK														
22.	Diagnostic														
	visits														
23.	Exposure visits														
24.	Ex-trainees														
	Sammelan														
25.	Soil health														
	Camp														
26.	Animal Health								<u> </u>						
	Camp														

27.	Agri mobile							
	clinic							
28.	Soil test							
	campaigns							
29.	Farm Science							
	Club							
	Conveners							
	meet							
30.	Self 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	Crop	Variety	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
CEREALS					
	Rice*	IET-14444	4	14000	15
	Rice*	BPT-343	<u>5</u>	15000	15
	Wheat*	<mark>Sahyadri</mark>	8	8000	20
OILSEEDS					
	Groundnut*	TCGS1	10	10000	<mark>25</mark>
PULSES					
VEGETABLES					
W OWID CDORG					
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>	12000	100
	Mango*	Kesar*	500	10000	<mark>40</mark>
	Pineapple*	Honeydew*	2000	100000	100
SPICES					
VEGETABLES					
FOREST SPECIES					
ORNAMENTAL CROPS					
ORNAMENTAL CROID					
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	ntity	Value (Rs.)	Provided to No.
			No	(kg)	1	of Farmers
BIOAGENTS						
BIOFERTILIZERS						
1						
2						
3						

4			
BIO PESTICIDES			
1			
2			
3			
4			

SUMMARY

Sl. No. Product Name	Duodust Nome	Species	Qua	ntity	Value (Rs.)	Provided to No. of Farmers
	Product Name		Nos	(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	1		
Cattle	Buffalo*	Murrah*					
	Buffalo*						
SHEEP AND GOAT	Goat*	Osmanabadi*					
THE TAND GOAT	Goat	Osmanabadi			+		
POULTRY	Hen*	Whiteleghows					
POULIKY	Hen*	Whiteleghorn* Giriraja*					
	Quails*	Onnaja					
FISHERIES							
Others (Specify)							

^{*} An example for guidance only

SUMMARY

			Qua	ntity		
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

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

* 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)

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

Year of establishment

2. List of equipments purchased with amount

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

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	amme Nature of linkage F	

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.	Demo Year of	Year 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	Area (ha)	Detai	ls of production	n	Amour	nt (Rs.)	Damarka
Of the crop		harvest	Ar (h	Variety	Type of Produce	Qty.	Cost of inputs	Gross income	Remarks
Cereals							•		
Rice									
Pulses									
Pigeonpea									
Oilseeds									
Fibers									
Spices & Plant	ation crops								
Floriculture									
rioriculture									
Fruits									
Vegetables									
Others (specify	Others (specify)								

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

SI.	Name of the		Amou	nt (Rs.)		
No.	Product	Qty	Cost of inputs	Gross income	Remarks	

6.4 Performance of instructional farm (livestock and fisheries production)

	Name	Deta	ils of production		Amou	nt (Rs.)	
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	Title of the training Client No. of		No. of Participants including SC/ST			No. of SC/STParticipants			
	course (PF/RY/EF) Cours	Courses	Male	Female	Total	Male	Female	Total	

6.5 Utilization of hostel facilities

Accommodation available (No. of beds):

Months	Title of the training course/Purpose of stay	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
October 2006	Nursery management	<mark>25</mark>	125*	
	Improved farm			
	implements			
Total				
November 2006				
Total December 2006				
Becomber 2000				
Total				
January 2007				
Total				
Total February 2007				
Total				
March 2007				
Total				
April 2007				
Total				
May 2007				
Total				
Total June 2007				
Total				
July 2007				
Total				
August 2007				
Total				

<mark>60</mark>

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)

	Release	d by ICAR	Expe	nditure	
Item	Kharif 2007	Rabi 2007 –08	Kharif 2007	Rabi 2007-08	Unspent balance as on 1 st April 2008
Inputs					
Extension activities					
TA/DA/POL etc.					
TOTAL					

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

	Release	d by ICAR Expen		nditure	Unspent
Item	Kharif 2007	Rabi 2007 -08	Kharif 2007	Rabi 2007-08	balance as on 1 st April 2008
Inputs					
Extension activities					
TA/DA/POL etc.					
TOTAL					

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

Item	Released by ICAR Kharif 2007	Expenditure Kharif 2007	Unspent balance as on 1 st 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. Recurring Contingencies								
1	Pay & Allowances								
2	Traveling allowances								
3	Contingencies								
Α	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	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 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st 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

<u> District Profile - I</u>

Include the details of

- 1. General census
- 2. Agricultural and allied census
- 3. Agro-climatic zones
- 4. Agro-ecosystems
- Major and micro-farming systems
- 6. 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

Include

- 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

Include

- 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
- 2. Inventory of latest technology available *

S1. No	Technology	Crop/enterprise	Year of release or recommendation of technology	Source of technology	Reference/citation
1.	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
2.	Modified Paddy Drum Seeder*	Improved Farm Implements	2007	Directorate of Rice Research	Proceedings/Notification no. 77 of DRR, Hyderabad dated 04.02.2007
3.	Stem application of Imidachloropid @ 0.04%*	Cotton	2008	ANGRAU, Hyderabad	Proceedings/Notification no. 88 of ANGRAU, Hyderabad dated 04.02.2008

PS * an example for guidance only

3. Activity Chart

Crop/Animal/Enterprise	Problem	Cause	Solution	Activity	Reference of Technology
Cotton	Low productivity of cotton under rainfed medium black soils of Northern Amaravati	1) Imbalance fertilizer application 2) Pest and disease occurance 3) Flower and fruit drop due to micro-nutrient deficiency	1. Application of recommend dose of Nutrients 2. Integrated Pest control 3. Micro-nutrient i.e boron application to control flower and fruit drop	1. Single component FLD to demonstrate effect of recommended dose of nutrients 2. Training and FLD programme on integrated pest management of cotton pest 3. OFT on management boron deficiency to control flower and fruit drop	 Sl. No. 6 of Technology Inventory Sl. No. 45 of technology Inventory Sl. No. 99 of Technology inventory
Soybean					
Mulberry					
Jersy Cow					

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

Include

- 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 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