ANNUAL REPORT: 2007-08

KVK,WOKHA, NAGALAND

PART – I
(GENERAL INFORMATION)

1. General information about the KVK

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

Complete postal address with Pin Code	Telephone	Fax	E mail
KVK-Wokha, P.O.Box-137, Wokha,Nagaland	03860-222897	-	kvk_wokha@yahoo.co.in.

Name and address of host organization with Phone, Fax and E-mail*

Complete postal address with Pin Code	Telephone	Fax	E mail
ICAR, Barapani, Meghalaya	(0364)2570257	-	-

Name of the Programme Coordinator with Landline & Mobile No*

Name of PC	Contacts		
	Residence	Mobile	E mail
N.Khumdemo Ezung	Nil	9436608937	khumdemo_ezung@yahoo.com

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

Year of sanction of KVK:2006

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

No.	Sanctioned posts	Name of the incumbent	Designation	Discipline	Date of joining	Permanent /Temporary
1	Programme Coordinator	Vacant	-	-	-	-
2	Subject Matter Specialist	N.Khumdemo Ezung	SMS	Agronomy	07/05/07	-
3	Subject Matter Specialist	Dr.H.Moaakum Sangtam	SMS	Veterinary	26.03.07	-
4	Subject Matter Specialist	Janak.Kr. Singh	SMS	Plant Breeding	29/03/07	-
5	Subject Matter Specialist	Megokhono Meyase	SMS	Horticulture	28/03/07	-

6	Subject Matter Specialist	L.K.Singh	SMS	SWCE	27/03/07	-
7	Programme Assistant	Jessica Dohtdong	PA	Home Sc.	12/04/07	-
8	Programme Assistant	E.Lireni Kikon	PA	Plant Protection	29/03/07	-
9	Computer Programmer	Vacant	-	-	-	-
10	Farm Manager	Abemo Ezung	Farm manager	M.Sc.	29/03/07	-
11	Accountant / Superintendent	Vacant	-	-	-	-
12	Stenographer	NyanbeniYanthan	Stenographer	-	28/012/06	-
13	Driver	Mhabemo Ezung	Driver	-	05/01/07	-
14	Driver	Longshithung Lotha	Driver	-	05/01/07	-
15	Supporting staff	Kilumo Ezung	SSGr.I(Cook)	-	08/05/07	-
16	Supporting staff	Mrs Maluti Devi	SSGr.I	-	08/11/07	-

**** = The staff position should reflect in the quantity and quality of all programmes conducted by KVK in the annual report***

Total land with KVK (in ha): Yet to be earmarked for different units

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

Infrastructural Development:

A) Buildings

No.	Name of Building	Source of Funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq. m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq. m)	Status of Construction
1	Administrative Building							
2	Farmers Hostel	KVK		305				
3	Staff Quarters (6)							
4	Demonstration Units (2)							
5	Fencing	KVK		700 Running meter				
6	Rain Water harvesting system							
7	Threshing floor							
8	Farm Go-down							

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bolero	2006	5,71,448.00		Good
Tractor	2007	401000.00		Good

C) Equipments & AV aids : No equipments and AV aids till date

Name of the equipment	Year of purchase	Cost (Rs.)	Present status

Details SAC meeting* conducted in the year

No.	Date	Number of Participants	Salient Recommendations	Action taken
1.	12nd September, 2007	24	1. Land capability classification is required for cultivation of different agri-horti crops since the district has a wide range of ecological amplitude.	Under process
			2. Since the farmers of the district are, by and large engaged in slash and burn agriculture, screening of suitable jhum paddy varieties is required for increased production	Under trials
			3. Identification of promising indigenous farming system of the district should be done on priority basis	Farming system analysis conducted
			4. The committee suggested to develop a Sloping Agricultural Land Technology(SALT) model for demonstration in one of the KVK adopted villages in a participatory mode	Under process
			5. Demonstrations be given for water harvesting in upper ridges to provide life saving irrigation to the crops particularly during lean season.	Training and demonstrations conducted(Jalkund)
			6. Awareness be created for adoption of vaccination against common infectious diseases in livestock and poultry.	Awareness programme conducted
			7. Suitable breed of pig be identified for rearing in traditional low cost input animal husbandry practices.	Trials on three improved breeds of breed conducted
			8. Demonstrations be given on vermicomposting for recycling of within farm renewable resources.	Training and demonstrations conducted
			9. Evaluation of nutritional value of locally feed and fodders and formulation of ration with locally available feed materials should be given priority	Local feeds and fodder has been collected and is under analysis
			10. Mass awareness to be created for the adoption of humane method slaughter with hygienic practices so as to prevent cruelty to animals and to improve the quality of meat for human consumption.	Awareness programme was incorporated along with training programmes
			11. SHGs should be formed and registered to benefit the farming communities through training/demonstrations in consultation with Project Director, DRDA Wokjha.	At present 3 Nos. of SHGs have been identified.
2.	11th September, 2008	30	Copy enclosed	

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

2. Details of district (2007-08)
Major farming systems existing in the district* (based on the study made by the KVK)

No	Farming systems identified
1	Agriculture+Horticulture
2	Agriculture+Fishery
3	Agriculture + Horticulture +Fishery
4	Agriculture + Horticulture +Animal Husbandry
5	Agriculture +Animal Husbandry

**** = the programmes conducted by KVK should be matching with the identified farming systems***

Description of Agro-climatic Zone (based on soil and topography)

No	Agro-climatic Zone	Characteristics
1	Sub-tropical Hill zone	Red loamy & brown forest soil or sub montane soil. Hilly in terrain.
2	Sub-tropical plain zone	Residual soil/Lateritic soil with hilly mid altitude
3	Mild tropical hill zone	Alluvial soil, foot hill and plain areas bordering Assam

Source : ATMA, Wokha

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

No	Agro ecological situation	Characteristics
1	AES-I	Red loamy & brown forest soil or sub montane soil. Hilly in terrain
2	AES-II	Residual soil/Lateritic soil with hilly mid altitude
3	AES-III	Alluvial soil, foot hill and plain areas bordering Assam

Source : ATMA, Wokha

Soil type/s

No	Soil type	Characteristics	Area in ha
1	Red loamy & brown forest soil or sub montane soil	Soil brown in colour, acidic in nature with low nutrient status	70,000 (Approx.)
2	Residual soil/Lateritic soil	Acidic in nature and highly effected by soil erosion	60,000(Approx.)
3	Alluvial soil	Highly fertile soil suitable for cultivation of all crops	32,800(Approx.)

Source : District Soil And Water Conservation Officer, Wokha Nagaland

Area, Production and Productivity of major crops cultivated in the district (Enter data strictly in ha, qtl and qtl/ha respectively)

No	Crop	Area (ha)*	Production (qtl)*	Productivity (qtl /ha)*
1	Jhum paddy	13,382	1,60584	12
2	TRC/WRC	5847	1,16940	20
3	Maize	410	7380	18
4	Nagadal	185	1665	9
5	Beans	141	5640	40
6	Peas	32	384	12
7	Rajmash	22	220	10
8	Groundnut	30	180	6(grains)
9	Soyabean	132	1188	9
10	Sesamum	298	1490	5
11	Rapeseed Mustard	550	4400	8
12	Linseed	34	272	8
13	Sugarcane	129	1,03200	800
14	Potato	79	4740	60
15	Tea	116	3480	30
16	Cardamum	42	84	2
17	Ginger	324	22680	70

*** = no change of unit is allowed**

Source : District Agriculture, Department of Agriculture, Wokha

Weather data

Month	Rainfall (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	
September 2007	20	26.2	15.10	75.10
October	85	24.00	14.05	67.20
November	83	22.30	12.00	54.40
December	150	20.05	8.03	63.30
January 2008	150	19.06	5.05	59.20
February	158	17.00	10.00.06	75.50
March	380	18.01	16.35	80.22
April	341	23.02	10.24	85.40
May	357	26.08	11.11	87.60
June	230	32.00	15.15	88.40
July	61	30.04	16.12	72.20
August	11	29.02	19.14	79.20

Source : District Soil And Water Conservation Officer, Wokha Nagaland

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

Category	Population	Production	Productivity
Cattle			
Crossbred	12682	-	-
Indigenous	33469	-	-
Buffalo	629	-	-
Sheep			
Crossbred	88	-	-
Indigenous	177	-	-
Goats	29626	-	-
Pigs		-	-
Crossbred	31640	-	-
Indigenous	48771	-	-
Rabbits	6551	-	-
Poultry			
Hens	68794	-	-
Desi	97703	-	-
Improved	72541	-	-
Ducks	10166	-	-
Turkey and others	157	-	-
Fish			
Marine			
Inland	260	125 mt	1800 kg/ha/year
Prawn			
Scampi			
Shrimp			

Source : Report on seventeenth quinquennial livestock census – 2003, Statistical Wing,Directorate of Vety and A.H. Govt of Nagaland.

Details of Operational area / Villages (2008-09)

No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	-	Wokha Sadar	Longsachung	Rice, Maize, Piggery,banana and Poultry	Declining soil fertility, local crop variety and local breeds of livestocks	Improvement of Jhum and local breeds/ variety
2	-	Wokha Sadar	Longsa	Rice, Maize, Piggery, vegetables and Poultry	Declining soil fertility local crop variety and local breeds of livestocks	Improvement of Jhum and local breeds/variety
3	-	Wokha Sadar	Wokha Village	Rice, Maize, passion fruit, banana, Piggery and Poultry	Declining soil fertility ,local crop variety and local breeds of livestocks	Improvement of Jhum and local breeds /variety

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

Rank	Thrust area
1	Jhum Improvement for sustained Production in Wokha district
2	Identification and validation of promising indigenous farming systems of Wokha district
3	Improvement of productive performance in pig and poultry birds
4	Post harvest processing and value addition in important agri-horti commodities
5	Farm mechanization to reduce drudgery in hill agriculture

PART – II
(OFT AND FLD)

3. Technical achievements

Abstract of interventions undertaken

No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions (if any)					
				Title of OFT	Title of FLD	Title of Training	Title of training for extension personnel	Extension activities	Supply of seeds, planting materials
	1	2	3	4	5	6	7	8	9

1. Thrust Areas :

i) Jhum Improvement for sustainable Production in Wokha district
ii) Identification and validation of promising indigenous farming systems of Wokha District
iii) Improvement of productive performance in pig and poultry birds
iv) Post harvest processing and value addition in important Agri-Horti commodities
v) Farm mechanization to reduce drudgery in hill agriculture

2. Crop/Enterprises :

Agronomy, Animal Science, Horticulture, Plant Breeding, Soil and Water Conservation, Plant Protection, Home Science

3. Identified Problem :

i. Low production in Jhum
ii. Soil Declining Health
iii. Severe deforestation leading to land degradation
iv. Lack of quality planting materials of important Agri-Horti Crops
v. Low Productive performance of indigenous livestock and poultry
vi. Insect-pest incidence in important Agri-Horti Crops
vii. Lack of farm Mechanization
viii. Lack of Awareness for improved Agri. and allied activities

4. Title of OFT:

Sl. No	Title of OFT	Discipline	Status
1	Evaluation Of Performance Of Pigs Of Three Different Genetic Groups Under Tribal Low Input Production System	Animal Science	Completed
2	To test the paddy variety Bhalum-1 against blast disease in Wokha District	Plant Protection	Ongoing
3	Varietal trial on tomato cv. Manikhamu in Wokha District	Horticulture	Completed
4	Effect of biofertilizer application on yield of rice(TRC)	Agronomy	Ongoing
5	Home scale preservation and value addition of orange(local variety)	Home Science	Completed

5. Title of FLD:

Sl. No	Title of FLD	Variety	Source of Technology	Result
1	Cultivation of Pea variety	HUD-15	Indian Pulse Research Institute, Kanpur	-
2	Cultivation of Mustard and rapeseed variety	M-27		-

6. Title of Training :

Details of training achievements is included in subsequent pages.

7. Title of training for extension personnel: Nil

8. Extension activities:

Activities	Nos.
Field days	1
Kisan Mela	1
Exhibition	1
Kisan Ghosti	6
Exposure Visit	-
Animal/Agril camp/Clinic day	1
Film shows	1
Radio talk	23
Newspaper Coverage	5
Popular Articles	15
Diagnostic visit to farmers field	22

9. Supply of seeds, planting materials etc. :

Tree seedling consisting of Hollock, Titachap, Alder and Bonsom were distributed to the farmers covering about 50 ha under the Project “Dev. of Non-forest wasteland through Agro-forestry models in Nagaland”. The project was implemented at Longsachung Village and N Longidang village under Wokha District.

Results of On Farm Trials
Discipline : Soil and Water Conservation Engineering

1) Title of OFT : Water conservation for life saving irrigation.
2) Source of technology: Division of Water Management, ICAR Research Complex for NEH region, Barapani.
3) Production system and thematic area: Rainfed upland and to increase cropping intensity
4) Performance indicators of the Technology : Cropping intensity and yield

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*
1	2	3	4	5
Water Harvesting	Upland rainfed	Lack of moisture for crop during lean season	*Jalkund* (Low Cost Water Harvesting Technique)	5

** No. of farmers : 5 Nos*

Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment
6	7	8	9
Jalkund	5x4x1.5 metres	Ongoing	Ongoing

Feedback from the farmer	Any refinement done	Justification for refinement
10	11	12
Ongoing	Nil	Nil

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

**Field crops – kg/ha, * for horticultural crops -= kg or t / ha, * milk and meat – litres or kg/animal, * for mushroom and Vermicompost kg/unit area.*
*** Give details of the technology assessed or refined and farmer's practice*

Discipline : Horticulture

1. Source of technology: ICAR, Manipur Centre.
2. Production system and thematic area: Low cost poly house and open field and Cultivation of tomato cv. *Manikhamu*
3. Performance indicators of the Technology : Yield

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*
1	2	3	4	5
Tomato	Upland Rainfed	Local variety with low yield and poor keeping quality	Varietal trial on tomato cv.Manikhamu in Wokha district	3

Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment
6	7	8	9
Variety: Manikhamu	1.Time of sowing	1.Time of sowing: 1st week of April	Yield: 77.4 kg/25m^2 / 311.1 q/ha
	2.Ttme of germination	2.Time of germination: 6 days	
	3.Time of transplanting 4.Time of flowering 5.Height of the plant at the time of flowering 6.Duration of the crop 7.yield	3.time of transplanting: 1 month after germination 4.Time of flowering: #4 days from transplanting 5.Average height of the plant at flowering: 47.62 cm 6.Duration of the crop: 5-6 months 7.Yield: 77.4 kg/25m^2 / 311.1 q/ha	

Feedback from the farmer	Any refinement done	Justification for refinement
10	11	12
Farmers are satisfied with the performance of the tomato cv. Manikhamu and suggested that such trial on new improved cultivar be further conducted.	No	Nil

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

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

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

Discipline : Agronomy

1. Source of technology: ICAR Research Complex for NEH region, Barapani.
2. Production system and thematic area: Crop production& Biological nutrient management
3. Performance indicators of the Technology : Yield

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*
1	2	3	4	5
Rice	TRC	Low yield due to nutrient deficiency	Effect of biofertilizer application on yield of rice(TRC)	3

Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment
6	7	8	9
Azospirillum & Phosphotika	Yield	Ongoing	Ongoing

Feedback from the farmer	Any refinement done	Justification for refinement
10	11	12
Ongoing	Nil	Nil

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

**Field crops – kg/ha, * for horticultural crops -= kg or t / ha, * milk and meat – litres or kg/animal, * for mushroom and Vermicompost kg/unit area.*
*** Give details of the technology assessed or refined and farmer's practice*

Discipline : Animal Science

1. Source of technology: ICAR Research Complex for NEH region, Barapani.
2. Production system and thematic area: Introduction of high productive improved breeds of pig
3. Performance indicators of the Technology : Yet to observe(Ongoing)

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*
1	2	3	4	5
Improved breed of Pig	Local breed	Local breeds which is low in production	Evaluation Of Performance Of Pigs Of Three Different Genetic Groups Under Tribal Low Input Production System	9

Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment
6	7	8	9
1. Yorkshire 2. Hampshire 3. Large black	Body weight	**78.00 kgs**	**Hampshire**

Feedback from the farmer	Any refinement done	Justification for refinement
10	11	12
Preferred hampshire	Nil	Nil

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

**Field crops – kg/ha, * for horticultural crops -= kg or t / ha, * milk and meat – litres or kg/animal, * for mushroom and Vermicompost kg/unit area.*
*** Give details of the technology assessed or refined and farmer's practice*

Discipline : Plant Protection

1. Source of technology: ICAR Research Complex for NEH region, Barapani.
2. Production system and thematic area: Crop production & Disease management(variety Bhalum-1)
3. Performance indicators of the Technology : Yet to observe(Ongoing)

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*
1	2	3	4	5
Rice	Upland	High incidence of blast disease in local varieties	To test the paddy variety Bhalum-1 against blast disease in Wokha district	2

Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment
6	7	8	9
Variety-Bhalum-1	1. Incidence of blast disease 2. Avrg. Height of the plat at the time of 50% flowering 3. Avrg. Height of the plant at the time of harvesting 4. Duration from seeding to 50% flowering 5. Duration of the plant at harvesting time 6. Yield	ongoing	ongoing

Feedback from the farmer	Any refinement done	Justification for refinement
10	11	12
Ongoing	Nil	Nil

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

**Field crops – kg/ha, * for horticultural crops -= kg or t / ha, * milk and meat – litres or kg/animal, * for mushroom and Vermicompost kg/unit area.*
*** Give details of the technology assessed or refined and farmer's practice*

Discipline : Home Science

1. Source of technology: The Food & Nutrition Board, Dept of women & Child development, Government of India(Shillong Branch)
2. Production system and thematic area: Food preservation & for enhancing income to local women and to prevent food spoilage
3. Performance indicators of the Technology : Reduces Fruit spoilage

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*
1	2	3	4	5
Orange	Upland rainfed	Lack of knowledge & skill in food preservation & food value addition	Home Scale Preservation & value Addition of selected locally cultivated orange	2

Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment
6	7	8	9
Home scale preservation & value addition.	Duration before spoilage	6-7 months	satisfactory

Feedback from the farmer	Any refinement done	Justification for refinement
10	11	12
Want to continue the activity	Nil	Nil

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

Technology refined**	-	-	-

**Field crops – kg/ha, * for horticultural crops -= kg or t / ha, * milk and meat – litres or kg/animal, * for mushroom and Vermicompost kg/unit area.*
*** Give details of the technology assessed or refined and farmer's practice*

Achievements of Frontline Demonstrations

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

No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha
1	Cultivation of High Yielding pea varieties	HUD-15	Cultivation of HUDP-15 on a large scale	2	2	.8
2	Cultivation of rapeseed mustard	M-27	Cultivation of M-27 on a large scale	2	40	3
3	Cultivation of pea	IPF-99-25	Cultivation of IPF-99-25 on a large scale	2	2	.5

** Thematic areas as given in Table on Training*

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.)

No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Pea	*	HUD-15	Rabi	1	.8	2	-	2	-
2	Rapeseed mustard	**	M-27	Rabi	1	3	40	-	40	-
3	Pea		IPF-99-25	Rabi	1	0.5	2	-	2	-

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Pea	Rabi	RF	Loamy	-	-	-	Rice	4/12/07	16/4/08	2006	153

Performance of FLD

No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)
1	2	3	4	5	6
1	Pea	Pea variety	HUD-15	2	.8
2	Rapeseed Mustard	Variety M-27	M-27	40	3
3	Pea	IPF-99-25	IPF-99-25	2	1

FLD on Mustard and Rapeseed M-27 failed due to delay in sowing.
NB: Attach few good action photographs

Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
H	L	A			Demo	Local
7	**8**	**9**	**10**	**11**	**12**	**13**
-	-	75	60			
-	-	10	8		-	-
-	-	72	60			

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	

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	Nil	Nil	Nil	Nil
		2. Bio-fertilizer	Nil	Nil	Nil	Nil
		3. Fertilizer management	Nil	Nil	Nil	Nil
		4. Plant Protection	Nil	Nil	Nil	Nil
		5. Combination of components (Pls specify)	Nil	Nil	Nil	Nil

Technical Feedback on the demonstrated technologies
Crop: Pea

No	Feed Back
1.	Higher yield compared to existing variety
2.	Higher tolerance to drought

Farmers' reactions on specific technologies

No	Feed Back
1	Higher yield compared to existing variety
2	More demand in market
3	Farmers' reported that variety HUD-15 performed better than variety IPF-99-25

Extension and Training activities under FLD

No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	1	16/04/08	25	Satisfactory
2	Farmers Training	1	16/04/08	25	Satisfactory
3	Media coverage	1	17/04/08	-	Satisfactory
4	Training for extension functionaries	-	-	-	-

Details of FLD on Enterprises

(i) Farm Implements; (**Not conducted)**

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

** Field efficiency, labour saving, time saving etc.*

(ii) Livestock Enterprises: (**Not conducted)**

Enterprises	Breed	No. of farmers	No. of animals, poultry birds etc.	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		

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

(iii) Other Enterprises: (**Not conducted)**

Enterprise	Variety/ breed/Species/others	No. of farmers	No. of Units	Performance parameters / indicators	Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		
Mushroom	Oyster mushroom	2SHG group	2	Nil		Nil	-	**Satisfactory**
Apiary	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Sericulture	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Vermicompost	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

PART – III
(TRAINING PROGRAMMES)

4. Details of training programmes conducted during 2007-08 (Including the sponsored and FLD training programmes):

On Campus: (Not conducted due to lack of infrastructure)

Thematic area	Courses (No)	No. of participants									
		Others			SC			ST			Grand Total
		Male	Female	Total	Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women											
I Crop Production											
Weed Management											
Nutrient Management											
Resource Conservation Technologies											
Cropping Systems											

Crop Diversification											
Integrated Farming systems											
Water management											
Seed production											
Nursery management											
Integrated Crop Management											
Fodder production											
Production of organic inputs											
II Horticulture											
a) Vegetable Crops											
Production of low volume and high value crops											
Off-season vegetables											
Nursery raising											
Exotic vegetables production											
Production of export potential vegetables											
Grading and standardization											
Protective cultivation (Green Houses, Shade Net etc.)											
b) Fruits											
Training											
Pruning											
Layout and Management of Orchards											
Cultivation of Fruit crops											
Management of young plants/orchards											
Rejuvenation of old orchards											
Cultivation of export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques											
c) Ornamental Plants											
Nursery Management											
Management of potted plants											
Production of export potential ornamental plants											
Propagation techniques of Ornamental Plants											
d) Plantation crops											
Production and Management technology											
Processing and value addition											
e) Tuber crops											
Production and Management technology											
Processing and value addition											
f) Spices											
Production and Management technology											
Processing and value addition											
g) Medicinal and Aromatic Plants											
Nursery management											
Production and management technology											
Post harvest technology and value addition											
III Soil Health and Fertility Management											
Soil fertility management											

Soil and Water Conservation											
Integrated Nutrient Management											
Production and use of organic inputs											
Management of Problematic soils											
Micro nutrient deficiency in crops											
Nutrient Use Efficiency											
Soil and Water Testing											
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 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											
VI Agricultural Engineering											
Installation and maintenance of micro irrigation systems											
Use of Plastics in farming practices											
Production of small tools and implements											
Repair and maintenance of farm machinery and implements											
Small scale processing and value addition											
Post Harvest Technologies											
VII Plant Protection											
Integrated Pest Management											
Disease Management											
Bio-control of pests and diseases											
Production of bio control agents and bio pesticides											
VIII Fisheries											
Integrated fish farming											
Carp breeding and hatchery management											
Carp fry and fingerling rearing											
Composite fish culture											
Hatchery management and culture of freshwater prawn											

Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture											
Fish processing and value addition											
IX Production of Inputs at site											
Seed Production											
Planting material production											
Bio-agents production											
Bio-pesticides production											
Bio-fertilizer production											
Vermicompost production											
Other Organic manures production											
Production of fry and fingerlings											
Production of Bee-colonies and wax sheets											
Small tools and implements											
Production of livestock feed and fodder											
Production of Fish feed											
X Capacity Building and Group Dynamics											
Leadership development in villages											
Managing Group dynamics											
Formation and Management of SHGs											
Mobilization of social capital in villages											
Entrepreneurial development of farmers/youths											
WTO and IPR issues											
XI Agro-forestry											
Production technologies											
Nursery management											
Integrated Farming Systems											
XII Others (Pl. Specify)											
TOTAL											
(B) RURAL YOUTH											
Mushroom Production											
Bee-keeping											
Integrated farming											
Seed production											
Production of organic inputs											
Integrated Farming											
Planting material production											
Vermiculture											
Sericulture											
Protected cultivation of vegetable crops											
Commercial fruit production											
Repair and maintenance of farm machinery and implements											

Nursery Management of Horticulture crops											
Training and pruning of orchards											
Value addition											
Production of quality animal products											
Dairying											
Sheep and goat rearing											
Quail farming											
Piggery											
Rabbit farming											
Poultry production											
Ornamental fisheries											
Training as Para vets											
Training as Para extension workers											
Composite fish culture											
Freshwater prawn culture											
Fish harvest and processing technology											
Fry and fingerling rearing											
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching											
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 organizations											
Information networking among farmers											
Capacity building for ICT application											
Care and maintenance of farm machinery and implements											
WTO and IPR issues											
Management in farm animals											
Livestock feed and fodder production											
Household food security											
Women and Child care											
Low cost and nutrient efficient diet designing											
Production and use of organic inputs											
Gender mainstreaming through SHGs											
Any other (Pl. Specify)											
TOTAL											

Off Campus:

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	1				4	16	20	20
Resource Conservation Technologies								
Cropping Systems	1				20	5	25	25
Crop Diversification								
Integrated Farming								
Water management	1				25	-	25	25
Seed production								
Nursery management								
Integrated Crop Management								
Fodder production								
Production of organic inputs	1				17	18	25	25
Rice production	1				18	14	32	32
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables								
Nursery raising	2				4	36	40	40
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	2				34	28	62	62
Management of young plants/orchards								
Rejuvenation of old orchards	1				18	14	32	32
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques	1				-	13	13	13
Post harvest management	4				92	92	184	184
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants	1				-	14	14	14
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	1				19	18	37	37
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	1				19	1	20	20
Soil and Water Conservation	6				86	80	166	166
Integrated Nutrient Management	4				20	118	138	138
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	5				93	48	141	141
Piggery Management	3				69	17	86	86
Rabbit Management								
Disease Management	3				50	42	92	92
Feed management								
Production of quality animal products	1				20	35	55	55
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	3				21	106	127	127
Income generation activities for empowerment of rural Women	1				-	25	25	25
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	1				18	14	32	32
Production of small tools and implements								
Repair and maintenance of farm machinery and implements	2							
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management	6				102	111	213	213
Integrated Disease Management	2				24	26	50	50
Bio-control of pests and diseases	1				18	14	32	32
Production of bio control agents and bio pesticides								
Mushroom cultivation	5				42	92	134	134
VIII Fisheries								
Integrated fish farming	1				-	25	25	25
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture	1				21	5	26	26
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								
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								
XII Others (Pl. Specify)								
TOTAL								
(B) RURAL YOUTH								
Mushroom Production								
Bee-keeping								
Integrated farming								
Seed production								
Production of organic inputs								
Integrated Farming								
Planting material production								
Vermi-culture	2				92	52	142	142
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops								
Training and pruning of orchards								
Value addition	3				22	55	77	77
Production of quality animal products								
Dairying								
Sheep and goat rearing								
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Para vets								
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts	1				0	25	25	25
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								
Teamwork development	1				40	-	40	40
TOTAL								

Consolidated table (On + Off + Sponsored + Vocational)

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	1				4	16	20	20
Resource Conservation Technologies								
Cropping Systems	1				20	5	25	25
Crop Diversification								
Integrated Farming								
Water management	1				25	-	25	25
Seed production								
Nursery management								
Integrated Crop Management								
Fodder production								
Production of organic inputs	1				17	18	25	25
Rice production	1				18	14	32	32
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables								
Nursery raising	2				4	36	40	40
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	2				34	28	62	62
Management of young plants/orchards								
Rejuvenation of old orchards	1				18	14	32	32
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques	1				-	13	13	13
Post harvest management	4				92	92	184	184
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants	1				-	14	14	14
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	1				19	18	37	37
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	1				19	1	20	20
Soil and Water Conservation	6				86	80	166	166
Integrated Nutrient Management	4				20	118	138	138
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	5				93	48	141	141
Piggery Management	3				69	17	86	86
Rabbit Management								
Disease Management	3				50	42	92	92
Feed management								

Production of quality animal products	1				20	35	55	55
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	3				21	106	127	127
Income generation activities for empowerment of rural Women	1				-	25	25	25
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	1				18	14	32	32
Production of small tools and implements								
Repair and maintenance of farm machinery and implements	2							
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management	6				102	111	213	213
Integrated Disease Management	2				24	26	50	50
Bio-control of pests and diseases	1				18	14	32	32
Production of bio control agents and bio pesticides								
Mushroom cultivation	5				42	92	134	134
VIII Fisheries								
Integrated fish farming	1				-	25	25	25
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture	1				21	5	26	26
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								
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								
XII Others (Pl. Specify)								
TOTAL								
(B) RURAL YOUTH								
Mushroom Production								
Bee-keeping								
Integrated farming								
Seed production								
Production of organic inputs								
Integrated Farming								
Planting material production								
Vermi-culture	2				92	52	142	142
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops								
Training and pruning of orchards								
Value addition	3				22	55	77	77
Production of quality animal products								
Dairying								
Sheep and goat rearing								
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Para vets								

Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts	1				0	25	25	25
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								
Teamwork development	1				40	-	40	40
TOTAL								

Discipline : Agronomy

Date	Clientele	Title of the training	Duration in days	Off / On Campus	Number of participants			Number of ST		
					Male	Female	Total	Male	Female	Total
18/10/07	PF	Integrated weed management	1	Off	**4**	**16**	**20**	**4**	**16**	**20**
20/11/07	PF	Method of soil sampling and its importance	1	Off	**19**	**1**	**20**	**19**	**1**	**20**
11/01/08	PF	Intercropping and its benefit	1	Off	**20**	**5**	**25**	**20**	**5**	**25**
02/02/08	PF	Package of practices in paddy with emphasis on nutrient management	1	Off	18	14	32	18	14	32

14-15/03/08	EF	Teamwork in extension reforms and its importance of action and process plan	1	Off	40	-	40	40	-	40
23/03/08	PF	Integrated nutrient management	1	Off	-	37	37	-	37	37
18/04/08	PF	Jalkund and its advantages and benefit	1	Off	25	-	25	25	-	25
13/05/08	PF	Vermicomposting	1	Off	17	8	25	17	8	25
8/06/08	PF	Modern techniques of Agriculture	1	Off	-	61	61	-	61	61
24/06/08 to 25/06/08	RY	Organic farming and horticulture	2	Off	42	20	62	42	20	62
26/06/08 to 27/06/08	RY	Organic farming and horticulture	2	Off	50	30	80	50	30	80
09/08/08	PF	Integrated nutrient management	1	Off	10	10	20	10	10	20

Discipline : Horticulture

Date	Clientele	Title of the training	Duration in days	Off / On Campus	Number of participants			Number of ST		
					Male	Female	Total	Male	Female	Total
18/10/07	PF	Production technology of vegetable crops	1	Off	**4**	**16**	**20**	**4**	**16**	**20**
20/11/07	SHG	Production technology of important flower for cut flower	1	Off	**-**	**14**	**14**	**-**	**14**	**14**
2/02/08	PF	Rejuvenation of citrus orchard	1	Off	**18**	**14**	**32**	**18**	**14**	**32**
17/04/08	SHG	Production technology of tomato	1	Off	-	20	20	-	20	20
18/04/08	PF	Package of practices for passion fruit and banana	1	Off	15	10	25	15	10	25
19/04/08	PF	Role of women in Agriculture	1	Off	-	33	33	-	33	33
20/04/08	PF	Post harvest management of fruits and vegetables	1	Off	-	33	33	-	33	33
4/06/08	SHG	Propagation of fruit plants	1	Off	-	13	13	-	13	13
18/06/08	SHG	Post harvest management of horticultural crops	1	Off	-	9	9	-	9	9
24/06/08 to 25/06/08	RY	Organic farming and horticulture	2	Off	42	20	62	42	20	62
26/06/08 to 27/06/08	RY	Organic farming and horticulture	2	Off	50	30	80	50	30	80
18/07/08	PF	Management of citrus, banana and ginger	1	Off	19	18	37	19	18	37

Discipline : Agriculture Engineering

Date	Clientele	Title of the training	Duration in days	Off / On Campus	Number of participants			Number of ST		
					Male	Female	Total	Male	Female	Total
27/09/07	PF	Rainwater storage & utilization for irrigation purpose	1	Off	**30**	**25**	**55**	**30**	**25**	**55**
09/10/07	PF	Rainwater harvesting	1	Off	**7**	**11**	**18**	**7**	**11**	**18**
28/11/07	PF	Soil and water conservation structure and its construction	1	Off	**14**	**2**	**16**	**14**	**2**	**16**
14/01/08	PF	Soil & water conservation measures for hill agriculture	1	Off	**12**	-	12	12	-	12
02/02/08	PF	Rainwater harvesting & Jalkund	1	Off	18	14	32	18	14	32

16/04/08	PF	Improved Agricultural Machinery and implements	1	Off	7	13	20	7	13	20
17/04/08	PF	Improved Agricultural machinery and implements	1	Off	11	7	18	11	7	18
17/05/08	PF	Modern techniques of soil conservation	1	Off	18	-	18	18	-	18
27/07/08	PF	Low cost soil conservation structure	1	Off	5	42	47	5	42	47

Discipline : Plant Breeding

Date	Clientele	Title of the training	Duration in days	Off / On Campus	Number of participants			Number of ST		
					Male	Female	Total	Male	Female	Total
09/10/07	PF	Importance of interculture operation	1	Off	**7**	**11**	**18**	**7**	**11**	**18**

Discipline : Animal Science

Date	Clientele	Title of the training	Duration in days	Off / On Campus	Number of participants			Number of ST		
					Male	Female	Total	Male	Female	Total
17/10/07	PF	Management practices for pig farming	1	off	**19**	**02**	**21**	**19**	**02**	**21**
14/01/08	PF	Care and management of pig and poultry farming	1	off	**50**	**15**	**65**	**50**	**15**	**65**
02/02/08	RY	Backyard poultry farming with improved germplasm	1	off	**24**	**16**	**40**	**24**	**16**	**40**
18-20 /03/08	RY	Hygienic meat production and processing	3	NRCM Jharnapani	20	35	55	20	35	55
24-28/ 04/08	PF	Integrated livestock fish culture	5	on	25	-	25	25	-	25
17/05/08	PF	Health care and management of pig and poultry	1	off	25	-	25	25	-	25
27/06/08	PF	Prevention and control of common diseases of livestock and poultry	1	off	05	42	47	05	42	47
12-14/ 06/08	PF	Fish farming in tanks and ponds	3	off	18	08	26	18	08	26
29-31/ 07/08	PF	Composite fish culture	3	off	21	05	26	21	05	26
18/07/08	PF	Livestock farming for income generation	1	off	19	17	36	19	17	36
09/08/08	PF	Prevention and control of different farm animal diseases	1	off	20	-	20	20	-	20

Discipline : Home Science

Date	Clientele	Title of the training	Duration in days	Off / On Campus	Number of participants			Number of ST		
					Male	Female	Total	Male	Female	Total
18/10/07	PF	Dried fish pickle making	1	Off	**4**	**16**	**20**	**4**	**16**	**20**
10/01/07	SHG	Orange squash making	1	Off	**12**	**13**	**25**	**12**	**13**	**25**
4/02/08	PF	Lemon squash and pineapple jam and squash making	1	Off	**12**	**48**	**60**	**12**	**48**	**60**
3/04/08	RY	Flower making	1	Off	-	25	25	-	25	25

7/04/08	PF	Prawn pickle making	1	Off	-	25	25	-	25	25
8/04/08	PF	Pine apple jam making	1	Off	-	25	25	-	25	25
27/06/08	PF	Passion fruit squash making	1	Off	05	42	47	05	42	47
18/07/08	RY	Value addition on pine apple	1	Off	20	17	37	20	17	37

Discipline : Plant Protection

Date	Clientele	Title of the training	Duration in days	Off / On Campus	Number of participants			Number of ST		
					Male	Female	Total	Male	Female	Total
18/10/07	PF	Integrated Pest Management	1	Off	**3**	**17**	**20**	**3**	**17**	**20**
5/11/07	SHG	Mushroom cultivation	1	Off	**-**	**14**	**14**	**-**	**14**	**14**
14/01/08	PF	Management of major insect pest and disease in citrus and banana	1	Off	**24**	**1**	**25**	**24**	**1**	**25**
2/02/08	PF	Biological control in plant disease management	1	Off	**18**	14	32	18	14	32
16/04/08	SHG	Post harvest disease management	1	Off	-	25	25	-	25	25
18/04/08	PF	Plant protection measures in banana and passion fruit	1	Off	21	4	25	21	4	25
3/05/08 to 4/05/08	SHG	Mushroom cultivation	2	Off	-	36	36	-	36	36
17/05/08	PF	Management practices of paddy	1	Off	18	-	18	18	-	18
3/06/08	SHG	Mushroom cultivation	1		-	13	13	-	13	13
17/06/08	SHG	10Cultivation technology for oyster mushroom	1		-	9	9	-	9	9
24/06/08 to 25/06/08	RY	Organic farming and Horticulture	2	Off	42	20	62	42	20	62
26/06/08 to 27/06/08	RY	Organic farming and Horticulture	2	Off	50	30	80	50	30	80

(D) Vocational training programmes for Rural Youth : Nil

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	

(E) Sponsored Training Programmes

No	Title	Thematic area	Month	Duration (days)	Client	No. of courses
					PF/RY/EF	
1	Integrated livestock fish culture	Piggery cum fish, duck cum fish, poultry cum fish	April	5	PF	1
2	Fish farming in tanks and ponds	Construction of ponds and tanks	June	3	PF	1

3	Composite fish culture	Fish farming technology	July	3	PF	1
4	Breeding and culture of magur	Breeding methodology	Sept.	3	PF	1
Total				14		4

Continue….

No. of Participants										Sponsoring Agency
Male			Female			Total				
Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
Nil	Nil	25	Nil	Nil	-	Nil	Nil	**25**	**25**	NFDB, Hyderabad
Nil	Nil	18	Nil	Nil	08	Nil	Nil	**26**	**26**	NFDB, Hyderabad
Nil	Nil	21	Nil	Nil	05	Nil	Nil	**25**	**25**	NFDB, Hyderabad
Nil	Nil	Nil	Nil	Nil	10	Nil	Nil	**25**	**25**	NFDB, Hyderabad

PART – IV

(EXTENSION ACTIVITES AND PRODUCTION OF SEED AND PLANTING MATERIALS)

5. Extension Activities conducted in the year 2007-08 (including activities under FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	1	-	25	25	-	-	-	-	25	25
Kisan Mela	1	400	300	700	-	-	-	400	300	700
Kisan Ghosthi	**6**	**-**	**-**	**-**	-	-	-	**-**	**-**	**-**
Exhibition	1	400	300	700	-	-	-	400	300	700
Film Show	1	19	17	36	-	-	-	19	17	36
Method Demonstrations	-	-	-	-	-	-	-	-	-	-
Farmers Seminar	-	-	-	-	-	-	-	-	-	-
Workshop	-	-	-	-	-	-	-	-	-	-
Group meetings	-	-	-	-	-	-	-	-	-	-
Lectures delivered as resource persons	-	-	-	-	-	-	-	-	-	-
Newspaper coverage	**5**	-	-	-	-	-	-	-	-	-
Radio talks	**16**	-	-	-	-	-	-	-	-	-
TV talks		-	-	-	-	-	-	-	-	-
Popular articles	**15**	-	-	-	-	-	-	-	-	-
Extension Literature	**4**	-	-	-	-	-	-	-	-	-
Advisory Services	**-**	-	-	-	-	-	-	-	-	-
Scientific visit to farmers field	**22**	**57**	**52**	**109**				**57**	**52**	**109**
Farmers visit to KVK	-	-	-	-	-	-	-	-	-	-
Diagnostic visits	**22**	**57**	**52**	**109**	-	-	-	**57**	**52**	**109**
Exposure visits	-	-	-	-	-	-	-	-	-	-

Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-
Soil health Camp	-	-	-	-	-	-	-	-	-	-
Animal Health Camp	1	-	-	-	-	-	-	-	-	-
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	-	-	-	-	-	-	-	-	-	-
Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-
Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-
Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify)	World Environment day, 26th January & 15th August	-	-	-	-	-	-	-	-	-
Total	**-**	**993**	**746**	**1679**	-	-	-	**993**	**746**	**1679**

Production and Supply of Seeds and Planting Materials (2007-08) : Farm is under development

Seed Materials

Sl. No.	Crop	Variety	Quantity produced (qtl.)	Value (Rs.)	Quantity supplied (qtl.)	Provided to (No. of Farmers)
Cereals	-	-	-	-	-	-
	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-
	-	-	-	-	-	-
Pulses	-	-	-	-	-	-
	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-
	-	-	-	-	-	-
Flower Crops	-	-	-	-	-	-
	-	-	-	-	-	-
Others (Specify)	-	-	-	-	-	-

Summary

No.	Crop	Quantity produced (qtl.)	Value (Rs.)	Quantity supplied (qtl)	Provided to No. of Farmers
1	Cereals	-	-	-	-
2	Oilseeds	-	-	-	-
3	Pulses	-	-	-	-
4	Vegetables	-	-	-	-
5	Flower crops	-	-	-	-
6	Others	-	-	-	-
Total			-	-	-

Planting Materials

Sl. No.	Crop	Variety	Quantity Provided (Nos.)	Value (Rs.)	Quantity supplied (qtl)	Provided to (No. of Farmers)
Fruits	-	-	-	-	-	-
	-	-	-	-	-	-
Spices	-	-	-	-	-	-
	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-
	-	-	-	-	-	-
Forest Species	-	-	-	-	-	-
	-	-	-	-	-	-
Ornamental Crops	-	-	-	-	-	-
	-	-	-	-	-	-
Plantation Crops	-	-	-	-	-	-
	-	-	-	-	-	-
Others (specify)						

Summary

Sl. No.	Crop	Quantity produced (Nos.)	Value (Rs.)	Quantity supplied (qtl)	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

Sl. No.	Product Name	Species	Quantity produced		Value (Rs.)	Quantity supplied (qti)	Provided to (No. of Farmers)
			No	(kg)			
Bioagents							
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
Biofertilizers							
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
Bio Pesticides							
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-

Summary

Sl. No.	Product Name	Species	Quantity		Value (Rs.)	Quantity supplied (qti)	Provided to No. of Farmers
			No	(kg)			
1	Bio Agents	-	-	-	-	-	-
2	Bio Fertilizers	-	-	-	-	-	-
3	Bio Pesticide	-	-	-	-	-	-
	Total						

Livestock

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

	-	-	-	-	-	-	-
Others (Specify)	-	-	-	-	-	-	-

Summary

Sl. No.	Type	Breed	Quantity produced		Value (Rs.)	Quantity supplied	Provided to No. of Farmers
			Nos	Kgs			
1	Cattle	-	-	-	-	-	-
2	Sheep & Goat	-	-	-	-	-	-
3	Poultry	-	-	-	-	-	-
4	Fisheries	-	-	-	-	-	-
5	Others	-	-	-	-	-	-
	Total	-	-	-	-	-	-

Literature Developed/Published (with full title, author & reference)

(A) KVK News Letter ((Date of start, Periodicity, number of copies distributed etc.) : Nil

(B) Literature developed/published during 2007-08

Item	Title	Authors name	Number
Research papers	-	-	-
Technical reports	-	-	-
News letters	-	-	-
Technical bulletins	-	-	-
Popular articles	1. Organic Kitchen gardening 2. Alder based agro-forestry system 3. Management of soil fertility under hill agriculture 4. Agro-forestry and its feasibility in NE Region 5. Sloping Agricultural Land Technology 6. Weed management 7. Crop rotation towards sustaining Agriculture 8. Eat pumpkin stay healthy	N.Khumdemo Ezung SMS(Agronomy)	

	1. Mechanized Agriculture 2. Shifting cultivation and conservation of natural resources for sustainable Agriculture 3. Drip irrigation for crop production 4. Geojute technology for controlling of landslide and other soil erosion problems 5. Some practical aspects of pond construction 6. Types of soil erosion and their controls 7. Rooftop rain water harvesting 8. Alder based agro-forestry system 9. Soil erosion- causes and effects	Er.L.K.Singh SMS(SWCE)	
	1. Intake of vitamin A helps to stay healthy and good looking always 2. More about soyabeans 3. Management of waste 4. Kidney diseases, their symptoms and its dietary management 5. Vehicular pollution 6. Peach facts and picking tips 7. Recycling and proper usage of waste of home	Ms.Jessica Dohtdong Programme Assistant (Home Science)	
Extension literature(Folders)	1)Food preservation(its importance and methods)	Ms.Jassica Dohtdong	200
	2) Vermi-composting	N.Khumdemo Ezung	250
	3) IPM	N.Khumdemo Ezung	200
	4) Low cost soil conservation practices for sustainable Agriculture	Er. L.K.Singh	100
Others (Pl. specify)	-	-	-
TOTAL			

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

(C) Details of Electronic Media Produced during 2007-08 : Not done due to non-availability of facilities

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

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

Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year: Nil

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
-	-	-	-

Indicate the specific training need analysis tools/methodology followed for

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

At present PRA method and personal interview with the target group is adopted for identifying the training needs.

Field activities

i. **Number of villages adopted : 3**
ii. **No. of farm families selected : 30**
iii. **No. of survey/PRA conducted : 3**

3.12. Activities of Soil and Water Testing Laboratory : Laboratory not yet constructed

Status of establishment of Lab :

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

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

Details of samples analyzed so far :

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

PART – V
(IMPACT OF KVK ACTIVITIES)

6. Impact of KVK activities (Not to be restricted for reporting period) : Not conducted

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

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

Cases of large scale adoption
(Please furnish detailed information for each case below)

Details of impact analysis of KVK activities carried out during the reporting period (Give below): Nil

PART – VI
(LINKAGES WITH OUTSIDE ORGANISATIONS)

7. Functional linkage with different organizations

Name of organization	Nature of linkage
1. State Deptts. of Agri. and Allied	Participation in meeting, supply of seeds and other critical inputs, trainings and demonstrations
2. IGNOU	Conducting seminars and trainings
3. dKt India	Conducting trainings
4. Lotha Baptist Churches Association(NGO)	Conducting trainings and Seminars at remotest Areas
5. ATMA	Trainings and participation in meetings

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

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.)
Training Programme	April, 2008	NFDB, Hyderabad	1,54,000.00

Details of linkage with ATMA

Is ATMA implemented in your district Yes

No.	Programme	Nature of linkage	Remarks
1	Training	Trainings and participation in meetings	ATMA established in October, 2007

Give details of programmes implemented under National Horticultural Mission : None

No.	Programme	Nature of linkage	Constraints if any
Nil	Nil	Nil	Nil
Nil	Nil	Nil	Nil

Nature of linkage with National Fisheries Development Board

No.	Programme	Nature of linkage	Remarks
1	Trainings	Conducting need based training programme on fish farming	4 nos of training programmes conducted

PART – VII
(PERFORMANCE OF INFRASTRUCTURE IN KVK)

8. Performance of infrastructure in KVK

Utilization of demonstration units (other than instructional farm) : (Under development)

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

Utilization of instructional farm (Crops) including seed production : (Under development)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Production			Amount (Rs.)	
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income
Cereals	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Fibers	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-

Spices	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Plantation crops	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Floriculture	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Fruits	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Others (Specify)	-	-	-	-	-	-	-	-

Production Units (bio-agents / bio pesticides/ bio fertilizers etc.) : (Under development)

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

Performance of instructional farm (livestock and fisheries production) : (Farm Under development)

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

Utilization of hostel facilities : (Farmers hostel completed in the month of April, 2008)
Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
September 2007	-	-	-
October	-	-	-
November	-	-	-
December	-	-	-
January 2008	-	-	-
February	-	-	-
March	-	-	-
April	-	-	-
May	-	-	-
June	-	-	-
July	-	-	-
August	-	-	-

(for whole of the year)

PART – VIII
(FINANCIAL PERFORMANCE)

9. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
With Host Institute	SBI	Wokha	11667721581
With KVK	SBI	Wokha	11766515598

7.2 Utilization of funds under FLD on Oilseed *(Rs. In Lakhs) ((No fund received under the head)*

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2008
	Kharif 2007	Rabi 2007 -08	Kharif 2007	Rabi 2007-08	
Inputs	-	-	-	-	-
Extension activities	-	-	-	-	-
TA/DA/POL etc.	-	-	-	-	-
Total	-	-	-	-	-

7.3 Utilization of funds under FLD on Pulses *(Rs. In Lakhs) ((No fund received under the head)*

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

Utilization of KVK funds during the year 2006 -07 and 2007 -08 (Upto Sep. 2007) (year-wise separately) (current year and previous year)

No.	Particulars	Sanctioned	Released	Expenditure
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)	20,000.00	20,000.00	20,000.00
B	POL, repair of vehicles, tractor and equipments			
C	Meals/refreshment for trainees (Ceiling up to Rs.40/day/trainee be maintained)	80,000.00	80,000.00	80,000.00
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			
H	Maintenance of buildings			
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			
TOTAL (A)				

B. Non-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. REVOLVING FUND		1,00,000.00	1,00,000.00	
GRAND TOTAL (A+B+C)				

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
April 2005 to March 2006				
April 2006 to March 2007	1,00,000.00	4,484.00	-	1,04,484.00
April 2007 to March 2008				

** Items mentioned at 7.5 A. Recurring contingencies. Sl. No 1 to 2 details of mentioned amount will be available at H.Q. only.
For Sl No. 3 Rs.1,00,000/- only was released out of which Rs.20,000,00/- was for A & B Rs. 80,000/- was for C to J only.

Constraints

(a) Administrative
i) Programme Co-ordinator not yet appointed.

(b) Financial
i) Non availability of fund on time for conducting FLD on oilseeds and pulses

(c) Technical
i) Lacks in audio visual aids
ii) Demonstration farm not yet developed

PART – IX
(SUMMARY OF SCIENTIFIC ACHIEVEMENTS)

Technology Assessment and Refinement

Details of technologies assessed

Technologies Assessed	
Crop/ Enterprise	**Name of the technology**
Paddy	**Biofertilizer(Azospirillum & Phosphotika)**
Paddy	**Bhalum-1**
Tomato	**Manikhamu**
Piggery	**Yorkshire, Hampshire and large black**
Value addition	**Homescale preservation and value addition**

Details of technologies refined : Nil

Technologies Refined	
Crop/ Enterprise	**Name of the technology**
Nil	**Nil**
Nil	**Nil**
Nil	**Nil**
Nil	**Nil**
Nil	**Nil**

Abstract on the number of technologies assessed in respect of crops

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	Total
Varietal Evaluation					1					**1**
Seed / Plant production			1							**1**
Weed Management										
Integrated Crop Management										
Integrated Nutrient Management(Biofertilizer)	1									**1**
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries										
Value addition						1				**1**
Integrated Pest Management										
Integrated Disease Management	1									**1**
Resource conservation technology										
Small Scale income generating enterprises										
Total	**2**		**1**		**1**	**1**				**5**

Abstract on the number of technologies refined in respect of crops : Nil

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

Abstract on the number of technologies assessed in respect of livestock enterprises

Thematic areas	Cattle	Poultry	Piggery	Rabbitary	Fisheries	Total
Evaluation of Breeds	Nil	Nil	1	Nil	Nil	1
Nutrition Management	Nil	Nil	Nil	Nil	Nil	Nil
Disease of Management	Nil	Nil	Nil	Nil	Nil	Nil
Value Addition	Nil	Nil	Nil	Nil	Nil	Nil
Production and Management	Nil	Nil	Nil	Nil	Nil	Nil
Feed and Fodder	Nil	Nil	Nil	Nil	Nil	Nil
Small Scale income generating enterprises	Nil	Nil	Nil	Nil	Nil	Nil
Total	Nil	Nil	1	Nil	Nil	1

Abstract on the number of technologies refined in respect of livestock enterprises Nil

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

Performance of important technologies

Performance of technology assessment

Note: Please provide information on the most successful cases of technology assessment done by your KVK (if any) in the format given below. (Based on data already given on OFTs)

1. Name of technology: Tomato variety cv. Manikhamu

Name of KVK	OFT Title	No. of OFTs	Performance on different parameters				Farmers reaction	Acceptability in existing farming system
			Parameter	Performance of Farmer's practice	Performance of previous technology	Performance of newly assessed technology		
KVK, Wokha	Varietal trial on tomato cv. Manikhamu in Wokha District	3	1. Time of sowing			1. Time of sowing: 1st week of April	Satisfactory	Satisfactory
			2. Time of germination			2. Time of germination: 6 days		
			3. Time of transplanting			3. Time of transplanting:1 month after germination		
			4. Time of flowering			4. Time of flowering: 4 DAT		
			5. Height of the plant at the time of flowering			5. Height of the plant at the time of flowering : 47.62 cm		
			6. Duration of the crop			6. Duration of the crop : 5-6 months		
			7. Yield			7. Yield : 77.4 kg/25m^2/311.10 qt/ha		
	Evaluation Of Performance Of Pigs Of Three Different Genetic Groups Under Tribal Low Input Production System	9	Body weight	-	-	**78.00 kgs in 12 months**	Preferred hampshire	Satisfactory

Add the same table again for details on more technologies (if any)
Performance of technology refinement : Nil

1. Name of technology:

Name of KVK	OFT Title	No. of OFTs	Performance on different parameters				Farmers reaction	Acceptability in existing farming system
			Refined Parameter	Performance of Farmer's practice	Performance of assessed technology	Performance of technology after refinement		
			1					
			2					
			3					
			4					
			5					

Add the same table again for details on more technologies (if any)

Frontline Demonstrations

Crops	No. of demonstrations	Area (ha)
Oilseeds	3	3
Pulses	3	.8
Cereals	Nil	Nil
Millets	Nil	Nil
Cash crops	Nil	Nil
Fodder crops	Nil	Nil
Fruit crops	Nil	Nil
Vegetable crops	Nil	Nil
Plantation crops	Nil	Nil
Spices and condiments	Nil	Nil
Flowers and ornamental crops	Nil	Nil
Medicinal and aromatic plants	Nil	Nil
Fishery	Nil	Nil
Total	**6**	**3.8**
Enterprises	**No. of demonstrations**	**Units (No.)**
Dairy	Nil	Nil
Sheep and goat	Nil	Nil
Poultry	Nil	Nil
Piggery	Nil	Nil
Rabbitary	Nil	Nil
Apiculture	Nil	Nil
Mushroom units	Nil	Nil
Total	Nil	Nil
Grand total	**6**	**3.8**

Signature,
Programme Coordinator(i/c)
KVK, Wokha, Nagaland