

PROFORMA FOR ANNUAL REPORT

(1-04-2007 to 31-03-2008)

1. GENERAL INFORMATION ABOUT THE KVK

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

KVK	Postal Address with Pin code	Telephone			E mail
		STD	Office	FAX	
Sonepur	K.V.K, Sonepur At- Badajhinki P.O Sonepur, P.O BOX-1 Dist-Subarnapur, Pin-767017				sonepurkvk@yahoo.co.in

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

Host Institute name	Postal Address with Pin code	Telephone			E mail
		STD	Office	FAX	
O.U.A.T, Bhubaneswar	Vice Chancellor, O.U.A.T, B.B.S.R-751003	0674	2467780	0674- 2407780	

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

Name	Telephone / Contact			Email
	Residence	Mobile		
Dr. S.C. Mohapatra	9437759767	9437464682		sonepurkvk@yahoo.co.in

1.4. Year of sanction:

1.5. Staff Position (as on 31st March 2008)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
1	Programme Coordinator	Vacant	-	-	-	-	-	-
2	Subject Matter Specialist	Dr. S.C. Mohapatra Remain in-charge- of Programme Co-ordinator w.e.f.9.08.06	SMS, Agronomy	Agronomy	10000-325-15200 & 11,950	06.02.06	Permanent	Others
3	Subject Matter Specialist	Sri B.R. Samantray	SMS, Fishery	Fishery	8000-275-13500& 8550/-	12.01.06	Temporary	Others
4	Subject Matter Specialist	Mrs. D. Sahoo	SMS,Horticulture	Horticulture	8000-275-13500 & 8275/-	21.07.06	Temporary	Others

5	Subject Matter Specialist	Mr. P.K. Panda	SMS, Plant protection	Entomology	8000-275-13500 & 8275/-	05.01.07	Temporary	Others
6	Subject Matter Specialist	Vacant	-	-	-	-	-	-
7	Subject Matter Specialist	Vacant	-	-	-	-	-	-
8	Programme Assistant	Mr. B.S. Bishoyi	Programme Assistant	Agronomy	5500-175-9000 & 5850/-	07.07.05	Temporary	Others
9	Computer Programmer	Sri D.K. Swain	Computer Programmer	Computer Science	5500-175-9000 & 5850/-	24.02.06	Temporary	Others
10	Farm Manager	Sri T.K. Das	Entomology	M.Sc. (Ag.)	5500-175-9000 & 5850/-	12.08.05	Temporary	OBC
11	Accountant / Superintendent	Mr.B.K.Kar	Section Officer (Level-II)	Graduate	5900-200-9700 & 5900	24.03.08	Permanent	Others
12	Stenographer	Mr. T.R. Barik	Stenographer cum computer operator	Science Graduate	4000-100-6000 & 4000/-	09.10.06	Temporary	Others
13	Driver	Mr. D.P. Pattnaik	Driver cum mechanic	10 th	3050-75-3950-80-4590 & 3050/-		Temporary	Others
14	Driver	--	--	--	--	--	--	--
15	Supporting staff	Mr Lachhman Swain	Peon/Watchman	5 th	2550-55-2660-60-3200 & 2550	22.12.07	Temporary	OBC
16	Supporting staff	Mr Prafulla Palei	Peon/Watchman	7 th	2550-55-2660-60-3200 & 2550	22.12.07	Temporary	OBC

1.6. Total land with KVK (in ha) : 15.45

S. No.	Item	Area (ha)
1	Under Buildings	2.28
2.	Under Demonstration Units	1.0
3.	Under Crops	9.0
4.	Orchard/Agro-forestry	1.50
5.	Others	1.67

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Admin. Building	I.C.A.R	-	-	-	-	550	Foundation pilling work completed
2.	Farmers Hostel	-	-	-	-	-	-	-
3.	Staff Quarters (6)	-	-	-	-	-	-	-
4.	Demo. Units (2)	-	-	-	-	-	-	-
5	Fencing	I.C.A.R				12.09.2007	1800m (periphery)	95 % completed
6	Rain Water harvesting system	-	-	-	-	-	-	-
7	Threshing floor	I.C.A.R	30.04.07	204.4	1,70,000	-	-	-
8	Farm godown						232.25	Old godown

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tata Sumo (SE +)	2005	3,84,042.64	5011	Running condition
Tractor & accessories	2006	4,65,130.00	96 (hr)	Running condition

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Computer with accessories	2007	44,880.00	Running condition
LCD Projector	2007	55,120.00	Running condition

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

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken
1.	19.03.2008	31	Attached	Implemented

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

List of Participants In SAC Meeting of K.V.K, Sonepur on 19.03.08

1. *Sri Benudhar Dash*, Collector-cum-District Magistrate, Sonepur
2. *Dr. R.K.Raj*, Professor, (Extension Education) OUAT BBSR, Representative of Vice Chancellor OUAT, BBSR
3. *Sri Prasanna Kumar Jena*, ASCO Sonepur
4. *Sri Debendra Nath Parida*, DDH, Bolangir

5. *Sri Padmalochan Das* Horticulturist, Sonapur
6. *Sri S.K. Tripathi*, AGM B.C.Sugar Mills, Deogaon
7. *Sri B.S. Mohapatra* Representative DDA & DPD , ATMA, Bolangir
8. *Sri Laxman Kumar Panda*, Programme Executive, AIR, Bolangir
9. *Sri Dinanath Swain*, Director cum secretary Bharati NGO of Sonapur district
10. *Sri Bishnu Charan Rout* CCM Sugar Mills, Deogaon
11. *Sri Gorekhnath sahu*, Advocate & Journalist (Samaj)
12. *Sri Nityananda Panda* PPO, Dungripalli
13. *Sri Kishor Kumar Mahaling*, AHO, DDH, Bolangir
14. *Sri Gadadhar Barik* JAO, B.M.Pur
15. *Sri Benudhar Pradhan* , Representative of Prasar Bharati
16. *Sri Tirthabasi Panda*,ETV, Sonapur
17. *Sri Sankarsan Dash*, Division Incharge B.C.S.M Ltd
18. *Sri Purusottam Sahoo*, AAO, Sugarcane
19. *Sri Kalpataru Behera* J.H.O, Sonapur
20. , *Sri Susanta Sh. Mallik*, Secretary R.C.M.S
21. *Smt. Banabasi Surjal* Lady Farmer, Lakarma
22. *Sri Ballaba Patra*, Farmer , Panisiali
23. *Sri Laiban Jal* Farmer Lakarma
24. *Sri Bishnu Prasad Guru* Farmer Lakarma
25. *Sri. Biswa ranjan Samantaray*, SMS, Fishery,KVK, Sonapur
26. *Mrs Dipika Sahoo*,SMS, Horticulture, KVK Sonapur
27. *Mr.Prasanta Kumar Panda*, SMS, Plant Protection, KVK, Sonapur
28. *Sri. Bhawani Shankar Bisoyi*, Programme Asst, KVK, Sonapur
29. *Sri Dillip Kumar Swain*, Computer Programmer, KVK, Sonapur
30. *Sri Tapan Kumar Dash*, Farm Manager, KVK, Sonapur
31. *Dr. Subash Chandra Mohapatra*, Programme Coordinator, KVK,Sonapur

**Proceedings of the 2nd Scientific advisory Committee (SAC) meeting of KVK
(OUAT), Sonapur, Orissa**

The second Scientific Advisory Committee meeting of KVK, Sonapur held on 19.03.08 at 11.30 a.m in the KVK, Sonapur campus. The welcome address was given by *Prof. R.K.Raj*, Project leader cum Vice Chancellor's representative, OUAT, Bhubaneswar. The meeting was presided over by *Sri Benudhar Dash*, Collector-cum-District Magistrate, Sonapur and inaugurated by lightening of the lamp in the presence of delegates. The following Hon'ble members *Dr. R.K.Raj*, Professor, (Extension Education) OUAT BBSR, Representative of Vice Chancellor OUAT, BBSR, *Sri Prasanna Kumar Jena*, ASCO Sonapur, *Sri Debendra Nath Parida*, DDH, Bolangir, *Sri Padmalochan Das* Horticulturist, Sonapur, *Sri S.K. Tripathi*, AGM B.C.Sugar Mills, Deogaon, *Sri B.S. Mohapatra* Representative DDA & DPD, ATMA, Bolangir, *Sri Laxman Kumar Panda*, Programme Executive, AIR, Bolangir, *Sri Dinanath Swain*, Director cum secretary Bharati NGO of Sonapur district, *Sri Bishnu Charan Rout* CCM Sugar Mills, Deogaon, *Sri Gorekhnath sahu*, Advocate & Journalist (Samaj), *Sri Nityananda Panda* PPO, Dungripalli, *Sri Kishor Kumar Mahaling*, AHO, DDH, Bolangir, *Sri Gadadhar Barik* JAO, B.M.Pur, *Sri Benudhar Pradhan*, Representative of Prasar Bharati, *Sri Tirthabasi Panda*,ETV, Sonapur, *Sri Sankarsan Dash*, Division Incharge B.C.S.M Ltd, *Sri Purusottam Sahoo*, AAO, Sugarcane, *Sri Kalpataru Behera* J.H.O, Sonapur, *Sri Susanta Sh. Mallik*, Secretary R.C.M.S, Lady Farmers *Smt. Banabasi Surjal*, other beneficiaries *Sri Ballaba Patra*, Panisiali, *Sri Laiban Jal & Sri Bishnu Prasad Guru* of Lakarma & staff of KVK, of Sonapur district were present in the meeting.

The technical session started with presentation of *Dr.S.C.Mohapatra* Programme Coordinator KVK Sonapur regarding Identification of Problems of the district by KVK, the thrust area of work, achievements of the KVK Sonapur during 2007-08.The coming year action plan was also presented in detail & discussed among the dignitaries present in the meeting and got their unanimous approval. The members of the committee appreciated all the OFTs, FLDs & Trainings included in the action plan of 2008-09. Besides that the members of the committee provided some remark & lastly the house agreed upon these points for inclusion as per the need of the locality and situation which are as follows.

1. Training and trials on diversification of agriculture i.e shift from paddy to non paddy crop-
Suggested by *Sri Benudhar Dash*, Collector-cum-District Magistrate, Sonapur.

2. Inclusion of FLD, training & demonstration unit on ‘Organic Farming’ to create eco friendly environment –**Suggested by Sri Benudhar Dash, Collector-cum-District Magistrate, Sonapur.**
3. Emphasis on conducting trainings on cultivation of sugarcane by new advanced method of cultivation along with development of exhibition unit for capacity building of farmers.-
Suggested by Sri Bishnu Charan Rout CCM Sugar Mills, Deogaon,
4. Inclusion of ‘Kitchen garden’ demonstration unit & FLD for training to farm women.-
Suggested by Sri Bishnu Charan Rout CCM Sugar Mills, Deogaon, and Sri Kishor Kumar Mahaling, AHO, DDH, Bolangir,
5. Trainings and OFT on ‘Acid soil management’ by use of paper mill sludge- **Suggested by Sri B.S. Mohapatra Representative DDA & DPD , ATMA, Bolangir**
6. Inclusion of FLD on SRI Method of paddy cultivation –**Suggested by Sri B.S. Mohapatra Representative DDA & DPD , ATMA, Bolangir.**
7. Training on ‘Computer application in Agriculture’ for rural youth & school drop outs –
Suggested by Dr. R.K.Raj, Professor, DEE, OUAT, BBSR Representative of DEE, OUAT, BBSR.
8. Inclusion of training programme on ‘Use of microirrigation for horticultural crops’-
Suggested by Sri Padmalochan Das Horticulturist, Sonapur.
9. Frontline Demonstration & training on year round ‘Mushroom Cultivation’ in the neighboring villages- **Suggested by Sri Gorekhnath sahu, Advocate & Journalist (Samaj),**
10. Development of ‘Spawn Production’ unit at K.V.K , Sonapur- **Suggested by Sri Susanta Sh. Mallik, Secretary R.C.M.S**
11. Inclusion of season specific pulse crops in the frontline demonstration- **Suggested by Sri Ballaba Patra, Farmers representative Panisiali.**
12. Training programme &FLD on ‘Goatery & Poultry Farming’- **Suggested by Sri Bishnu Prasad Guru of Lakarma, Farmers representative.**

After the above valuable suggestions provided by the committee The Collector-cum-District Magistrate, has made his presidential remark and told that funds should not be a constraint for agricultural development of this district by this institute. The required proposal may be submitted by the K.V.K, (O.U.A.T), Sonapur to the district administration, so that this institute proved its potentiality for the benefit of the farmers. He assured the house, fund to the tune of Rs 50 lakh would

be supported for capacity building of the farmers & farm woman & establishment of demonstration unit on spawn production , goatery, poultry, fishery, horticultural cum forest plant nursery, medicinal & aromatic crop cafeteria, apiary & vermihatchery etc so that K.V.K will be a light house for the all categories of farmers. On immediate action fund will be provided for a bore well and renovation of the existing farm pond in the K.V.K Campus.

At last vote of thanks was given by *Mrs. Dipika saho*, SMS, Horticulture K.V.K Sonepur. The committee members had their working lunch and visited to the K.V.K instructional farm site. They went around all the agronomy, horticultural & forest units in the farm & appreciated the work under revolving fund scheme. At 4.30 p.m the field visit was completed and the programme came to an end.

2. DETAILS OF DISTRICT (2007-08)

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

S. No	Farming system/enterprise
1.	Irrigated : Rice-Rice, Vegetable- Vegetable, Vegetable-greengram/blackgram, Rice-Groundnut, dairy, duckery, fishery
2.	Rainfed : Rice-Greengram, Rice-field pea, Groundnut/ sesamum - fallow, Sugarcane, Vegetable-sesamum, Arhor, poultry, dairy, Goatery, Fishery, apiary

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

S. No	Agro-climatic Zone	Characteristics
1.	Western Central Table land Zone	This zone lies between 20 ⁰ .9'N latitude and 82 ⁰ .39' and 85 ⁰ .15'E longitude. The zone spreads over 17190 sq.Km. it has five physiographic units viz; table land, plain, undulating plain plateau and undulating submountain tract. The soil of the zone are classified into seven broad groups such as Red (Alfisol), Laterite and Lateritic (uitisol and exisol), Black (Vertisol), mixed red and yellow (uitisol), forest soil (Humults) and alluvial soil (Entisol) of which the mixed red and yellow, laterite and lateritics and red are the most common. Soils are mostly neutral to acidic in reaction. Overal fertility status of soil in respect of N,P & K is medium. The climate of the zone is hot and subhumid with mean maximum summer temperature of 40 °C and mean minimum winter temperature of 12.4 °C. the mean annual rainfall of the zone is 1180mm. the south west monsoon generally sets in 2 nd week of june and continue up to September. August is the rainiest month.

S. No	Agro ecological situation	Characteristics				
		Soil type	Rainfall (mm)	Cultivated area (000ha)	Gross cropped area	Cropping intensity%
1.	Plain land, irrigated	Laterite and lateritic	1190	187.3	300.4	163
2.	Plain land, rainfed	Red	1122	149.8	170.3	127

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1.	Red soil	Soil is strongly acidic in upland and mildly acidic in low land with poor retentive capacity. N & P low in status and deficient in micronutrients like Boron, Mo and also deficient in Ca & Mg	89
2.	Laterite & Lateritic soil	Rich in hydrated oxide of Iron & Aluminum. Soils are sandy loam to loam in texture. Soil is poor in organic matter, N, P but K level is medium. Soils are mild to strongly acidic in reaction	145

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

S. No	Crop	Area (000'ha)	Production (Qtl)	Productivity (Qtl /ha)
1.	Rice	119.39	255.93 x 10 ⁴	31.99
2.	Maize	0.33	0.37 x 10 ⁴	11.21
3.	Jowar	0.01	0.01 x 10 ⁴	5.10
4.	Ragi	0.02	0.01 x 10 ⁴	5.50
5.	Small millets	0.06	0.02 x 10 ⁴	3.69
6.	Wheat	0.35	0.69 x 10 ⁴	19.60
7.	Moong	20.45	9.32 x 10 ⁴	4.56
8.	Biri	4.76	2.19 x 10 ⁴	4.60
9.	Cowpea	1.20	0.78 x 10 ⁴	6.50
10.	Horse gram	3.49	1.10 x 10 ⁴	4.05
11.	Arhar	3.80	2.44 x 10 ⁴	6.42
12.	Field pea	0.32	0.20 x 10 ⁴	6.22
13.	Other pulses	2.16	0.79 x 10 ⁴	3.68
14.	Ground nut	1.52	3.12 x 10 ⁴	20.53
15.	Till	4.02	1.88 x 10 ⁴	4.68
16.	Castor	0.4	0.02 x 10 ⁴	5.0
17.	Sunflower	0.15	0.15 x 10 ⁴	10.0
18.	Mustard	3.27	1.05 x 10 ⁴	3.22
19.	Mesta	0.18	0.60 (000 bale)	598 (bale)
20.	Sun hemp	0.02	0.06 (000 bale)	524 (bale)
21.	Cotton	0.10	0.17 (000 bale)	281 (bale)
22.	Sugar cane	0.33	21.80 x 10 ⁴	660.61
23.	Sweet potato	0.26	2.19 x 10 ⁴	84.23
24.	Chilli	0.93	0.76 x 10 ⁴	8.17
25.	Potato	0.03	0.17 x 10 ⁴	56.67
26.	Onion	0.73	8.09 x 10 ⁴	110.82
27.	Garlic	0.23	0.72 x 10 ⁴	31.30

28	Coriander	0.30	0.13 x 10 ⁴	4.33
29	Turmeric	0.01	0.03 x 10 ⁴	30.0
30	Ginger	0.02	0.02 x 10 ⁴	10.0
31	Other vegetables	12.87	132.53 x 10 ⁴	102.98
32	Tobacco	0.51	-	-
33	Mango	2.21	-	-
34.	Banana	0.59	-	-
35.	Citrus	0.43	-	-
36	Papaya	0.02	-	-
37	Pineapple	0.01	-	-
38	Guava	0.39	-	-
39	Sapota	0.01	-	-
40	Litchi	0.01	-	-
41	Ber	0.11	-	-
42	Coconut	0.31	-	-
43	Others fruits	0.98	-	-

Source: Orissa Agricultural Statistics, 2005-06

2-5. Weather data

Month	Rainfall (mm)	Temperature ⁰ C		Relative Humidity (%)
		Maximum	Minimum	
April	1.5	--	--	--
May	14	--	--	--
June	445.1	--	--	--
July	206.5	--	--	--
August	274.7	--	--	--
September	333.5	--	--	--
October	8	--	--	--
November	0	--	--	--
December	0	--	--	--
January	Nil	--	--	--
February	16.2	--	--	--
March	Nil	--	--	--
Total	1299.5			

Source: District Agriculture Office, Subaranpur, 2007-08

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

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>	29884	-	-
<i>Indigenous</i>	199506	-	-
Buffalo	27512	-	-
Sheep			
<i>Crossbred</i>	1	-	-
<i>Indigenous</i>	42027	-	-
Goats	88504	-	-
Pigs			
<i>Crossbred</i>	-	-	-
<i>Indigenous</i>	897	-	-

Rabbits	-	-	-
			Poultry
Hens			
<i>Desi</i>			
<i>Improved</i>			
Ducks			
Turkey and others			
Fish			
<i>Inland</i>	5885.86 ha cultivable water area	4800.44 MT	680kg/ka

Source: District Agriculture Office, Subaranpur, and District Fishery office, Sonapur2005-06

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

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Sonepur	Sonepur	Shinghari	Vegetables, Paddy, green gram, Goatery & Backyard Poultry	Lack of resistant/ tolerant varieties of vegetables/fruits/Paddy along with low and imbalance use of manures and fertilizers	-Introduction of HYV & Hybrid varieties of vegetables, fruits & major food crops along with improved agro-techniques -Crop diversification in upland. -Farming system approach for sustainable income
2.	Sonepur	Sonepur	Panisiali	Paddy, Vegetables, Greengram, Sesamum, Mushroom, Fishery	Low and imbalance use of manures and fertilizer in rice and other crops, heavy infestation of weed in the culture pond, low stocking density and poor survivability	-Increasing & sustaining the production & productivity of major Cereal, Oilseed and pulse crops. -Farming system approach for sustainable income. -To increase the productivity of pisciculture and Animal Resource
3.	Sonepur	Sonepur	Lakarma	Paddy, Greengram, Sesamum, Fishery, Vegetables & Mushroom	Low availability and adoption of dry land farming technique, heavy infestation of weed in the culture pond, Low production	-Introduction of HYV & Hybrid varieties of vegetables, fruits & major food crops along with improved agro-techniques -Crop diversification in upland -To increase the productivity of pisciculture and Animal Resource
4.	Sonepur	Sonepur	Chasagotha	Paddy, Arhar, Green gram, Toria, Ground nut, Black gram & Mushroom	Lack of resistant / tolerant high yielding rice variety to replace swarna	-Increasing & sustaining the production & productivity of major Cereal, Oilseed and pulse crops - Strengthening the Knowledge base of farmers regarding IPM practices for different crops. -Farming system approach for sustainable income.

5.	B.M.Pur	Ullunda	Ichapur	Paddy, Greengram, Sesamum, Vegetables & Mushroom	Low productivity of major crops & vegetables due to improper nutrient and disease management	Introduction of HYV & Hybrid varieties of vegetables , fruits & major food crops along with improved agro-techniques -Farming system approach for sustainable income -Crop diversification in upland
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2.7 Priority thrust areas

S. No	Thrust area
1	Crop diversification & income generation through suitable cropping pattern and introducing high value crops for different farming situation
2	Screening of varieties and development of suitable nutrient management practices for different high value fruits, spices, tuber crops and vegetables
3	Development of plant nutrient supply package for rice based cropping system in irrigated ecosystem
4	Income generation activity & utilization of family labour by growing vegetables & minor fruits round the year in the backyard
5	Strengthening the knowledge base of farmers for efficient management of disease & pest of different cereals & vegetables
6	Management of biofertilizer, secondary and micro-nutrients in Agri-horticultural crops
7	Adoption of suitable variety and development of suitable package of practices for sugarcane.
8	Bio-efficiency of locally available plant products against pest and diseases.
9	To increase the productivity of Pisciculture and Animal resources
10	Generation of employment for the rural youth through standardization and adoption of various income generating activities like bee keeping, mushroom cultivation, vermin composting etc.

3. TECHNICAL ACHIEVEMENTS

3.1. A. Abstract of interventions undertaken

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1.	Crop diversification & income generation through suitable cropping pattern for different farming situation	Oilseed & Pulse	There is a fallow in between two rice crops gives no return to the farmers	Testing of suitable catch crops in between two rice crops	Package demonstration on Pratikhya variety paddy	1. Advance crop production practices for rabi pulses. 2. crop diversification by non-paddy crops 3. Improved production technique of groundnut, Sesamum, Toria and Safflower crops 4. Maximization of paddy yield by selection of suitable variety	1. Integrated Nutrient management on rice & Rice based cropping system	Scientists visit to farmers field, Farmers visit to KVK, Lecture delivered as resource persons, diagnostic visits, Popular article, 44 CD show, Group meeting, Kissan Gosthi, News paper coverage	Seed material of toria (Parvati) & Field Pea (Azad P1)
2	Crop diversification & income generation by introducing high value crops in the system.	Paddy	Low yield of local scented paddy variety	Selection of scented paddy variety	-	1. Balance Nutrient & Micronutrient Application in kharif Paddy	1. Integrated Nutrient management on rice & Rice based cropping system	Scientists visit to farmers field, Farmers visit to KVK, Lecture delivered as resource persons, diagnostic visits, 44 CD show, Group meeting, Kissan Mela, popular article, TV talk	Scented paddy seed material (Pusa sugandha -2)

3	Increase area, production & productivity of fruit crops	Mango	Less/ no use of fertilizer and manure in mango orchard	Evaluation of nutrient management practices in mango orchard	-	1. Nutrient management of Mango, Citrus & Banana orchards	1. Role and use of micronutrients and hormones in horticultural crops	Scientists visit to farmers field, Farmers visit to KVK, Lecture delivered as resource persons, Group meeting, Kissan Mela, popular article, Farm science club convenors meet,	Chemical fertilizer (NPK) & micronutrient (Mo,B)
4	Income generation activity & utilization of family labour by growing vegetables & minor fruits round the year in the backyard	Solanaceae, cucurbitaceae, legume crops and bulb crops, papaya, drumstick and greens	Low and /no income through household practices and under utilization of homestead land.	-	Homestead nutritional garden	1. Kitchen gardening. 2. Package of practices of tuber crops 3. Nursery raising in vegetable crops	1. Role and use of micronutrients and hormones in horticultural crops	Scientists visit to farmers field, Farmers visit to KVK, Lecture delivered as resource persons, Group meeting, Kissan Mela, Farm science club convenors meet, Advisory services	Vegetable seed, fruit plants, nutrient and pesticides
5	Introduction of high yielding varieties of cucurbitaceous crops to increase the area production and productivity	Pumpkin & Bottle gourd	Low yield of cucurbit crops due to poor management practices and poor planting materials	-	Package and demonstration on pumpkin and bottle gourd crops	1. Kitchen gardening.	1. Role and use of micronutrients and hormones in horticultural crops	Scientists visit to farmers field, Farmers visit to KVK, Lecture delivered as resource persons, Kissan Gosthi, Group meeting Mahila mandals convenor meeting, News paper coverage	Seeds of pumpkin and bottle gourd, nutrients and pesticides
6	To increase the area, production & productivity of banana through introduction of improved tissue culture varieties	Banana	Low yield of banana due to unavailability of suitable planting material	-	Performance of tissue culture banana	1. Nutrient management of Mango, Citrus & Banana orchards	1. Role and use of micronutrients and hormones in horticultural crops	Scientists visit to farmers field, Farmers visit to KVK, Lecture delivered as resource persons, Field day, Group meeting Mahila mandals convenor meeting, Diagnostic visit	Banana plants (T.C), fertilizer and plant protection chemicals

7	To increase the area, production and productivity of spice crop through introduction of suitable high yielding varieties of turmeric	Turmeric	Low yield of turmeric due to lack of suitable planting material & no use of manures and fertilisers	-	Package demonstration on rhizome spice crop (Turmeric)	1. Production package of rhizome spices ginger, turmeric, mango ginger & their post harvesting operations 2 Seed production and post harvest techniques of spices. 3. Cultivation of household used medicinal plants in the backyards	-	Scientists visit to farmers field, Farmers visit to KVK, Lecture delivered as resource persons, Field day, Group meeting Mahila mandals convenor meeting, Diagnostic visit	Seed rhizomes, and P,K fertilizers
8	To increase the area, production & productivity of tuber crops by introduction of improved variety of Taro	Taro	Low return from local taro & sweet potato varieties in upland	-	Yield maximization of Taro	1. Package of practices of tuber crops	1. Role and use of micronutrients and hormones in horticultural crops	Scientists visit to farmers field, Farmers visit to KVK, Diagnostic visits, Field day, Group meeting Mahila mandals convenor meeting,	Taro seed material, fertilizer, micronutrients and pesticides
		Sweet Potato	-	Performance of sweet potato varieties (Kissan)		Sweet potato cuttings & seed treatment chemicals			
9	Generation of employment for the rural youth through standardization and adoption of various income generation activities such as oyster mushroom cultivation, paddy straw mushroom & rearing of honey bee	Oyster mushroom	No source of additional income through household practices	-	Round the year mushroom cultivation	1. Paddy straw mushroom and oyster mushroom cultivation	-	Group meeting Self help group conveners meeting, popular article, farm science club convenor meeting, Radio talk, TV show, Diagnostic visit	Spawn, polythene
		Paddy straw mushroom		-	Round the year mushroom cultivation	1. Paddy straw mushroom and oyster mushroom cultivation	-	Scientists visit to farmers field, Group meeting Self help group conveners meeting, popular article, farm science club convenor meeting, Radio talk, TV show, Diagnostic visit	Spawn, polythene
		Honey bee		-	Rearing of Italian honey bee	1. Rearing of Italian honey bee	-	Scientists visit to farmers field, Self help group conveners meeting, popular article, Radio talk,	Box & Colony

10	To increase the production of pisciculture through introduction of IMC and exotic carps with proper stocking density	Pisciculture	Low production due to improper stocking density	-	Demonstration on polyculture of IMC and exotic carps in fish farming	1. Polyculture in fish farming		Scientists visit to farmers field, Farmers visit to KVK, Group meeting Self help group conveners meeting, popular article, farm science club convener meeting, Radio talk, TV show, Diagnostic visit	Fish Fingerlings
11	To maximize Fish production and proper utilization of the carrying capacity of the pond through stocking with species ratio in relation to the depth of the pond	Pisciculture	Low production and less utilization of pond carrying capacity	-	Composite fish culture	1. Polyculture in fish farming 2. Integrated fish farming	1. Disease diagnostic procedures in fresh water fish farming	Scientists visit to farmers field, Farmers visit to KVK, News paper coverage, extension literature Group meeting Self help group conveners meeting, popular article, farm science club convener meeting, Radio talk, TV show, Diagnostic visit, lecture delivered as a resource person	Fish Fingerlings
12	To increase the production of animal resources through rearing of Banaraja poultry birds in the backyard	Poultry birds	Low egg laying and meat yielding local poultry birds	-	Rearing of Banaraja poultry birds in backyards	-	1. Vaccination and medication of backyard poultry bird for paravet workers and LIs	Scientists visit to farmers field, Farmers visit to KVK, Animal health camp, 44 CD show Group meeting Self help group conveners meeting, lecture delivered as a resource person	Vaccinated chicks of 15 days old

13	Strengthen the knowledge base of farmers for efficient management disease, pest of different cereals, pulses & vegetables	Paddy	Low yield of rice due to high incidence of insect pest, pesticide application is costly	-	IPM in rice	-1. IPM for cereals and millets	1. Validation of different ITKs regarding pest and diseases of major cereal and pulses	Scientists visit to farmers field, News paper coverage, extension literature popular article, farm science club convener meeting, Radio talk, Diagnostic visit,	Insecticides, botanicals pheromone traps and bio agents
		Arhar	Low yield of rice due to high incidence of insect pest, pesticide application is costly	Evaluation of IPM practices against pod borer in Arhar crop	-	1. IPM for pulses & Oilseed crops	-	Scientists visit to farmers field, News paper coverage, extension literature Group meeting popular article, Radio talk, TV show, Diagnostic visit,	Insecticides, & biopesticides.
		Brinjal	Low yield of brinjal due to high incidence of insect pest, pesticide application is costly	-	IPM in brinjal	-1. Pest & disease management in kharif vegetables 2. Use of botanical pesticides in kharif vegetables	-	Scientists visit to farmers field, Farmers visit to KVK, News paper coverage, extension literature Group meeting popular article, farm science club convener meeting, Radio talk,	Insecticides, botanicals pheromone traps .
14	Crop diversification and income generation through introduction of elite high yielding sugarcane variety	Sugarcane	Low yield of cane and sucrose from the existing degenerated varieties	-	Performance of sugarcane variety Nayana	1. Sugarcane sett production technique. 2. Different methods of nursery raising in Sugarcane	-	Scientists visit to farmers field, Farmers visit to KVK, News paper coverage, extension literature Group meeting, Radio talk, TV show, Diagnostic visit, lecture delivered as a resource person	Seed sett, nutrient chemicals

15	Increasing & sustaining the production and productivity of cereals by introduction of Ouat variety Pratikhya which is tolerant to major diseases with high yielding potential.	Paddy	Leading variety of the locality is badly affected with disease like BLB,blast and sheath rot which results in low yield	-	Package demonstration on Pratikhya varieties paddy	1. Maximization of paddy yield by selection of suitable variety 2. Integrated weed management for upland crops	1. Integrated Nutrient management on rice & Rice based cropping system	Scientists visit to farmers field, Farmers visit to KVK, News paper coverage, extension literature Group meeting, Radio talk, TV show, Diagnostic visit, lecture delivered as a resource person, 44 CD Show	Plant protection chemicals , balanced nutrient and seeds
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3.1. B. Details of each On Farm Trial to be furnished in the following format

OFT-1

- 1) Title of on-farm trials : Evaluation of Nutrient Management Practices in Mango Orchard
- 2) Problem diagnose : Less/ No use of fertilizer & manure in mango orchard
- 3) Details of technologies selected for assessment/refinement :
 - T1 Farmer's practice(No/ very little fertilizer)
 - T2 (N: P: K::365:90:340 gm)+ FYM (50 kg)+Micronutrient (B& Mo) per plant in June & Sept
- 4) Source of technology: CHES (ICAR), BBSR & O.U.A.T, BBSR
- 5) Production system and thematic area : Management of young orchard
- 6) Performance of the Technology with performance indicators Result awaited
- 7) Final recommendation for micro level situation Result awaited
- 8) Constraints identified and feedback for research Result awaited
- 9) Process of farmers participation and their reaction Result awaited

3.1.C. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Mango	Upland	Less /no use of fertilizer and manure in mango orchard application	Evaluation of Nutrient Management Practices in Mango Orchard	10	Application of manure and fertilizer @ (N:P:K::365:90:340 gm)+ FYM (50 kg)+Micronutrient (B& Mo) per plant in June & Sept	Fruiting area Fruit Yield per plant Size of the fruit Additional Return B:C

* No. of farmers

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

Technology Assessed / Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Less /no use of fertilizer and manure in mango orchard application	0.3t/ha	Result awaited	Result awaited
Application of manure and fertilizer @ (N:P:K::365:90:340 gm)+ FYM (50 kg)+Micronutrient (B& Mo) per plant in June & Sept	Result awaited		
Technology refined**	-	-	-

OFT-2

- 1) Title of on-farm trials : Testing of suitable catch crop in between two rice crops
- 2) Problem diagnose : There is fallow in between two rice crops gives no return to the farmers
- 3) Details of technologies selected for assessment/refinement :
 - T1 Farmer's practice(No/ very little fertilizer)
 - T2 Toria (var. Parvati) & T3- Field Pea (var.Azad P1)
- 4) Source of technology: O.U.A.T, BBSR
- 5) Production system and thematic area : Cropping Systems
- 6) Performance of the Technology with performance indicators: Result awaited
- 7) Final recommendation for micro level situation : Result awaited
- 8) Constraints identified and feedback for research : Result awaited
- 9) Process of farmers participation and their reaction : Result awaited

3.1.C. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Toria & Field Pea	Irrigated medium land	There is fallow in between two rice crops gives no return to the farmers	Testing of suitable catch crop in between two rice crops	10	T1 Farmer's practice (No/ very little fertilizer) T2 Toria(var.Parvati) & T3 field Pea(var.Azad)	1. Duration of catch crop 2. Yield 3. B:C

* No. of farmers

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

Result awaited	Result awaited	Result awaited	-	-
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Technology Assessed / Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
There is fallow in between two rice crops gives no return to the farmers	Result awaited	-	-
Testing of suitable catch crop in between two rice crops such as Toria and Field Pea	Result awaited	Result awaited	Result awaited
Technology refined**	-	-	-

OFT-3

- 1) Title of on-farm trials : Selection of scented paddy varieties
- 2) Problem diagnose : Low yield of local scented paddy varieties
- 3) Details of technologies selected for assessment/refinement :
T1 Farmer's variety(Kumari)
T2 Pusa Sugandha-2
- 4) Source of technology: O.U.A.T, BBSR
- 5) Production system and thematic area : Integrated crop management
- 6) Performance of the Technology with performance indicators: Result awaited
- 7) Final recommendation for micro level situation Result awaited
- 8) Constraints identified and feedback for research Result awaited
- 9) Process of farmers participation and their reaction Result awaited

3.1.C. Results of On Farm Trials

Crop/enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Scented Rice	Medium land	Low yield of local scented paddy varieties	Selection of scented paddy varieties	10	T1 Farmer's variety (Kumari) T2 Pusa Sugandha-2	No. of hills per sq.m Plant height Effective tillers per sq.m Field grain per panicle Grain yield Additional return B:C Palatability Aroma after cooking

* No. of farmers

Data on the parameter	Results of assessment	Feedback from	Any	Justification
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		the farmer	refinement done	for refinement
8	9	10	11	12
No of hills/m ² -45(T1 <i>Kumari</i>) 35(<i>Pusa Sugandha-2</i>) Plant Height-107 cm(T1),94 cm (T2) Effective Tille/m ² -104 (T1), 156 (T2)	Final result is awaited as the crop is on the field	Result awaited	-	-

Technology Assessed / Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Low yield of local scented paddy varieties	Result awaited	Result awaited	Result awaited
Selection of scented paddy varieties (<i>Pusa sugandha-2</i>)	Result awaited	Result awaited	Result awaited
Technology refined**	-	-	-

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

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

3.2 Achievements of Frontline Demonstrations

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

List of technologies demonstrated during previous year and popularized during 2006-07 and recommended for large scale adoption in the district

S. No	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha
1	Resource conservation technology	Use of Nimin in urea for paddy	½ kg Nimin liquid coating in 1 bag(50 Kg) urea for top dressing	3	45	78
2.	Small tool and implements for drudgery reduction	Harvesting of paddy through improved sickle	By use of <i>Gujrati sickle</i> (Improved sickle) straw cuts close to the ground and causes less injury to the farm women during work as compared to local sickle	2	28	43

b. Details of FLDs implemented during 2006-07 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

FLD- 1 : Nutritional Gardening

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1.	Vegetables(Tomato,Brinjal, Chilli, Drumstick, Papaya, Cauliflower,Cabbage,Palak, Radish, Carrot, Beans, Cowpea)	Household food security by kitchen gardening and nutrition gardening	Growing desired variety of vegetables round the year under household situation	Rabi-06	2.0	2.0	0	10	10	ccessfuol at village Singhari

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					
Vegetables(Tomato,Brinjal, Chilli, Drumstick, Papaya, Cauliflower,Cabbage,Palak, Radish, Carrot, Beans, Cowpea	Rabi-06	Medium land(R.F)	Sandyloam	L	M	M	Fallow	22-09-06 to 30-06-06	4-11-06 to 08-01-07	1725	47

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Vegetables(Tomato,Brinjal, Chilli, Drumstick, Papaya, Cauliflower,Cabbage,Palak, Radish, Carrot, Beans, Cowpea	Growing desired variety of vegetables round the year under household situation	B.T.- 10 , Utkal Madhuri, Utkal Ragini, P.K.M-1, Coorg honey, dew, super snowball, pride of India , All green, Pusa chetki, PusaKeshar, Contender, Pusa barsati	10	2	150	90	110	50	45	Average yield of 110 q/ha &B:C is 2.19	Average yield of 50 q/ha &B:C is 1.5

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

Average cost of cultivation (Rs/ha)		Average gross return (Rs/ha)		Average net return(Profit)(Rs/ha)		Benefit cost ratio (gross return by gross cost)
Demonstration	Local check	Demonstration	Local check	Demonstration	Local check	
14	15	16	17	18	19	20
5500.00	5000.00	12045.00	7500.00	6545.00	2500.00	2.19

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
Vegetables(Tomato,Brinjal, Chilli, Drumstick, Papaya, Cauliflower,Cabbage,Palak, Radish, Carrot, Beans, Cowpea	Rabi-06	1. Seed/Variety	homestead	110	50	45

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Vegetables(Tomato,Brinjal, Chilli, Drumstick, Papaya, Cauliflower,Cabbage,Palak, Radish, Carrot, Beans, Cowpea) provided in the Nutritional garden under the farming situation homestead is best which gives average yield of 110 q/ha with percentage increase in productivity over local check is 45%

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmer's particularly the farm women are very satisfied as they are able to meet the daily vegetable requirement of their family

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	2	10.05.07, 21.08.07,	25, 25,	
3	Media coverage	1	12.11.06		Radio talk
4	Training for extension functionaries	1	23.06.07	15	

FLD- 2 Introduction of High Yielding Papaya

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)			No. of farmers/ demonstration		Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Papaya	Cultivation of fruit	Introduction of high yielding papaya variety	Rabi-06-07	0.4	0.4	11	9	20	

Details of farming situation

Crop	Season	Farming situation (RE/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Papaya	Rabi-06-07	Homestead (R.F)	Sandyloam	L	M	M	Local varieties with improper management	14.01.07	January-08(Expected)	1299.5 till sept-07	48 till sept-07

Performance of FLD

Sl. No.	Crop	Technology Demonstrated	Variety	No of farmers	Area (ha)	Yield of Local check qtl/ha			Increase in Yield (%)	Data on parameter in relation to technology demonstrated		
						H	L	A				Demo
1	2	3	4	5	6	7	8	9	10	11	12	13
A	Papaya	Introduction of high yielding papaya variety	Pusa majesty,	20	0.4	Result awaiting					Plant growth parameters, yield, economics	Plant growth parameters, yield, economics

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

Economic Impact (continuation of previous table)

Average cost of cultivation (Rs/ha)		Average gross return (Rs/ha)		Average net return(Profit)(Rs/ha)		Benefit cost ratio (gross return by gross cost)
Demonstration	Local check	Demonstration	Local check	Demonstration	Local check	
14	15	16	17	18	19	20
Result awaiting		Result awaiting		Result awaiting		

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

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Papaya	Summer-07	1. Seed/Variety	homestead	Result awaiting	Result awaiting	Result awaiting

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Papaya grown in homestead farming situation shows good growth performance than the local check

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmer's are very satisfied with the growth performance of the demonstration papaya plants than the local check

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	1	10.07.07	25	On campus
3	Media coverage				
4	Training for extension functionaries				

F.L.D-3: Package demonstration on Pumpkin & Bottle gourd

Sl.No.	Crop	Thematic area	Technology demonstrated	Season and year	Area(ha)		No of farmers/ Demonstration			Reasons for short fall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Pumpkin & Bottle gourd	Off season vegetables	Introduction of high yielding varieties with full package of practices for cucurbitaceous vegetables	Summer-07	2.0	2.0	4	6	10	Successful at vill Singhari

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					
Pumpkin & Bottle gourd	Summer-07	Upland	Sandyloam	L	M	M	Rice local varieties	21-01-07 to 31-01-07	210.05.06	1259.7 till sept-07	48 till sept-07

Performance of FLD

Sl.No.	Crop	Technology Demonstrated	Variety	No of farmers	Area(ha)	Demo. Yield qtl/ha			Yield of Local check qtl/ha	Increase in Yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
A	Pumpkin	Introduction of high yielding varieties with full package of practices for cucurbitaceous vegetables	Pusa Vishwas	10	1	300	240	270	170	38	270 q/ha &B:C is 2.51	170 q/ha &B:C is 1.6
	Bottle gourd		Pusa Naveen	10	1	280	200	250	130	48	250 q/ha &B:C is 2.01	130 q/ha &B:C is 1.56

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

Economic Impact (continuation of previous table)

Average cost of cultivation (Rs/ha)		Average gross return (Rs/ha)		Average net return(Profit)(Rs/ha)		Benefit cost ratio (gross return by gross cost)
Demonstration	Local check	Demonstration	Local check	Demonstration	Local check	
14	15	16	17	18	19	20
23000	20000	57730	32000	34730	12000	2.51
21000	19000	42400	29800	21400	10800	2.01

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
Pumpkin & Bottle gourd	Summer-07	1. Seed/Variety	Upland	Pumpkin-270 Bottle Gourd-250	Pumpkin-170 Bottle Gourd-130	Pumpkin-38 Bottle Gourd-48
		3. Fertilizer management				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Pumpkin (P.Vishwas) & Bottle gourd (P.Naveen) grown in Summer-07 in western central table land zone in upland farming situation gives ave. yield of 270 & 250 Q/ha respectively with a percentage increase in productivity over local check is 38 & 48 % respectively

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmers obtained an average net return of Rs 34,730.00 & Rs21,400.00 increase in income by cultivating Pumpkin and Bottle gourd respectively having a good keeping quality up to 6 months thus fetching them high market price and avoiding distress sale due to application of calcium based nitrogenous fertilizer

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	21.03.07	53	
2	Farmers Training	1	08.09.07	25	
3	Media coverage	1	24.04.07		TV talk
4	Training for extension functionaries				

F.L.D-4 : Oyster Mushroom Cultivation

Sl.No.	Crop	Thematic area	Technology demonstrated	Season and year	Area (no of beds)		No of farmers/ Demonstration			Reasons for short fall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Oyster Mushroom	Mushroom Cultivation	Oyster Mushroom Cultivation	Rabi	100	100	15	10	25	-

Details of farming situation

Crop	Season	Farming Situation (RF/Irrigated)	Soil type	Status of Soil			Previous Crop	Sowing Date	Harvest Date	Seasonal Rain fall (mm)	No of Rainy days
				N	P	K					
Oyster Mushroom	Rabi-06-07	Back yard	NA	NA	NA	NA	New Introduction	25.01.07 to 30.01.07	20.02.07 to 26.02.07	NA	NA

Performance of FLD

Sl.No	Crop	Technology Demonstrated	Variety	No of farmers	Area(ha)	Demo. Yield (kg/ bed)			Yield of Local check (kg/bed)	Increase in Yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
A	Oyster Mushroom	Package demonstration of Oyster Mushroom cultivation And bed management	<i>Pleurotorus sajaricajus</i>	25	100 beds	1.6	1.2	1.4	New lyintroduced		yield	-

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

Economic Impact (continuation of previous table)

Average cost of cultivation (Rs/bed)		Average gross return (Rs/bed)		Average net return(Profit)(Rs/bed)		Benefit cost ratio (gross return by gross cost)
Demonstration	Local check	Demonstration	Local check	Demonstration	Local check	
14	15	16	17	18	19	20
25	-	70	-	45	-	2.8

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 (kg/bed)	Local check (q/ha)	Percentage increase in productivity over local check
Oyster Mushroom	Rabi 2006-07	4. Plant Protection	Backyard	1.4	-	-

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Based on the climate the oyster mushroom cultivation is suitable in this locality as alternate source of income

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmers are keen interest to adopt the cultivation as earning source but the availability of mushroom spawn in the local market is a major constrain.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	2	19.03.07 24.08.07	20 10	
3	Media coverage				
4	Training for extension functionaries				

F.L.D-5 : Paddy Straw Mushroom Cultivation

Sl.No	Crop	Thematic area	Technology demonstrated	Season and year	Area (no of beds)		No of farmers/ Demonstration			Reasons for short fall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Paddy Straw Mushroom	Mushroom Production	Paddy Straw Mushroom Cultivation	Kh arif 20 07	200	200	15	25	40	Successful at vill Lakarma, Sanajhink i, badajhink i

Details of farming situation

Crop	Season	Farming Situation (RF/Irrigated)	Soil type	Status of Soil			Previous Crop	Sowing Date	Harvest Date	Seasonal Rain fall (mm)	No of Rainy days
				N	P	K					
Paddy Straw Mushroom	Kharif 2007	Back yard	NA	NA	NA	NA	New Introduction	10.07.07 to 25.07.07	1.08.07 to 20.08.07	NA	NA

Performance of FLD

Sl.No	Crop	Technology Demonstrated	Variety	No of farmers	Area(ha)	Demo. Yield (kg/ bed)			Yield of Local check (kg/ bed)	Increase in Yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
A	Paddy Straw Mushroom	Package demonstration of Paddy Straw Mushroom cultivation And bed management	Volvariella volvacea	40	200 beds	2.3	1.1	1.6	-	-	yield	-

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

Economic Impact (continuation of previous table)

Average cost of cultivation (Rs/bed)		Average gross return (Rs/bed)		Average net return(Profit)(Rs/bed)		Benefit cost ratio (gross return by gross cost)
Demonstration	Local check	Demonstration	Local check	Demonstration	Local check	
14	15	16	17	18	19	20
30	-	86	-	56	-	2.86

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 (kg/bed)	Local check (q/ha)	Percentage increase in productivity over local check
Paddy Straw Mushroom	Kharif-07	Plant Protection	Backyard	1.6	-	-

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Based on the climate the Paddy straw mushroom cultivation is suitable in this locality as alternate source of income

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmers are keen interest to adopt the cultivation as earning source but the availability of mushroom spawn in the local market is a major constrain.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	2	19.03.07 24.08.07	20 10	
3	Media coverage				
4	Training for extension functionaries				

F.L.D-6 :IPM in rice

Sl.No	Crop	Thematic area	Technology demonstrated	Season and year	Area (no of beds)		No of farmers/ Demonstration			Reasons for short fall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Rice	IPM	IPM in rice	Kharif 2007	2	2	3	7	10	Successful at vill Lakarma, Sanajhink i, badajhinki

Details of farming situation

Crop	Season	Farming Situation (RF/Irrigated)	Soil type	Status of Soil			Previous Crop	Sowing Date	Harvest Date	Seasonal Rain fall (mm)	No of Rainy days
				N	P	K					
Rice	Kharif 2007	Irrigated	Clay loam	M	L	M	Paddy	15.07.07 to 25.07.07	Result awaiting		NA

Performance of FLD

Sl.No	Crop	Technology Demonstrated	Variety	No of farmers	Area(ha)	Demo. Yield (kg/ bed)			Yield of Local check (kg/bed)	Increase in Yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
A	Rice	Use of pheromones traps, bio agents & pesticides	Swarna	10	2	Result awaiting	-	-	Pest population and yield	-	A	Rice

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

Economic Impact (continuation of previous table)

Average cost of cultivation (Rs/bed)		Average gross return (Rs/bed)		Average net return(Profit)(Rs/bed)		Benefit cost ratio (gross return by gross cost)
Demonstration	Local check	Demonstration	Local check	Demonstration	Local check	
14	15	16	17	18	19	20
Result awaiting		Result awaiting		Result awaiting		Result awaiting

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
Rice	Kharif-07	Plant Protection	Irrigated	-	-	-

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Result awaiting

Farmers' reactions on specific technologies

S. No	Feed Back
1	Result awaiting

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	2	17.06.07 27.08.07	25 25	
3	Media coverage	1	27.09.07		Radio talk
4	Training for extension functionaries				

F.L.D-7 Composite fish culture

Sl.No	Crop	Thematic area	Technology demonstrated	Season and year	Area (no of beds)		No of farmers/ Demonstration			Reasons for short fall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1.	Fish farming	Composite fish farming	Composite fish farming	Kh arif 20 06	2	2	2	3	5	Successful at vill Badajhink i & Sanajhink i

Details of farming situation

Crop	Season	Farming Situation (RF/Irrigated)	Soil type	Status of Soil			Previous Crop	Sowing Date	Harvest Date	Seasonal Rain fall (mm)	No of Rainy days
				N	P	K					
fish culture	Kharif 2006	Rain fed	Cl a y lo a m	L	M	M	-	2.09.06	18.06.2007	1725	47

Performance of FLD

Sl.No	Crop	Technology Demonstrated	Variety	No of farmers	Area(ha)	Demo. Yield (kg/ bed)			Yield of Local check (kg/ bed)	Increase in Yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
A	Fish farming	Composite fish culture	Catla,Rohu , Mrigala, Common carp, Grass carp, Silver carp	5	2	11.81	10.80	11.30	7.2	56.94	Av. Yield 11.30 q/ha B:C = 2.4	Yield 7.2 q/ha B:C =1.8

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

Economic Impact (continuation of previous table)

Average cost of cultivation (Rs/Ac)		Average gross return (Rs/Ac)		Average net return(Profit)(Rs/ha)		Benefit cost ratio (gross return by gross cost)
Demonstration	Local check	Demonstration	Local check	Demonstration	Local check	
14	15	16	17	18	19	20
20,550	18,350	50,850	34,800	30,300	16,450	2.4

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

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Composite fish culture	Kharif 06-07	Seed/Variety	Rainfed	11.3	7.2	56.94

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Increase in yield of 56.94 % over the local
2	More in B: C =2.4 than the local 1.8

Farmers' reactions on specific technologies

S. No	Feed Back
1	Ready to adopt the technology
2	Happy with the return

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	-	-	-	-
2	Farmers Training	1	18.09.2006	25	Rural youth
3	Media coverage	1	16.06.07		Door Darshan coverage in AMA KATHA ORISSA KATHA
4	Training for extension functionaries				

F.L.D-8 Poly culture of Indian Major Carps and Exotic carps

Sl.No	Crop	Thematic area	Technology demonstrated	Season and year	Area (no of beds)		No of farmers/ Demonstration			Reasons for short fall in achivemnent
					Proposed	Actual	SC/ST	Others	Total	
1	Fish farming	Composite fish farming	Poly culture of Indian major carps and Exotic carps	Kharif 2007	2	2	2	4	6	Successful at vill Badajhinki & Sanajhinki

Details of farming situation

Crop	Season	Farming Situation (RF/Irrigated)	Soil type	Status of Soil			Previous Crop	Sowing Date	Harvest Date	Seasonal Rain fall (mm)	No of Rainy days
				N	P	K					
Fish farming	Kharif 2007	Rain fed	Clay loam	L	M	M	-	30.09.07	Result awaited	1725	47

Performance of FLD

Sl.No.	Crop	Technology Demonstrated	Variety	No of farmers	Area(ha)	Demo. Yield (q/ha)			Yield of Local check qtl/ha	Increase in Yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Dem	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
A	Pisciculture	Polyculture of IMC and Exotic carps	Catla,Rohu, Mrigala, Common carp, Grass carp,	6	2	Result awaited			Result awaited			

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

Economic Impact (continuation of previous table)

Average cost of cultivation (Rs/Ac)		Average gross return (Rs/Ac)		Average net return(Profit)(Rs/ha)		Benefit cost ratio (gross return by gross cost)
Demonstration	Local check	Demonstration	Local check	Demonstration	Local check	
14	15	16	17	18	19	20
Result waited						

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
Fish farming	Kharif 07-08	Seed/Variety	Rainfed	Result awaited		

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Result awaited

Farmers' reactions on specific technologies

S. No	Feed Back
1	Result awaited

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	1	9.06.07	25	Vocational
3	Media coverage	1	27.09.07	-	Radio talk
4	Training for extension functionaries				

F.L.D-9 Homestead Nutritional Gardening

Sl.No	Crop	Thematic area	Technology demonstrated	Season and year	Area (no of beds)		No of farmers/ Demonstration			Reasons for short fall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Vegetables(Tomato,Brinjal, Chilli, Drumstick, Papaya, Cauliflower,Cabbage,Palak, Radish, Carrot, Beans, Cowpea	Household food security by kitchen gardening and nutrition gardening	Growing desired variety of vegetables round the year under household situation	Rabi-07-08	2.0	2.0	12	8	20	

Details of farming situation

Crop	Season	Farming Situation (RF/Irrigated)	Soil type	Status of Soil			Previous Crop	Sowing Date	Harvest Date	Seasonal Rain fall (mm)	No of Rainy days
				N	P	K					
Vegetables(Tomato,Brinjal, Chilli, Drumstick, Papaya, Cauliflower,Cabbage,Palak, Radish, Carrot, Beans, Cowpea	Rabi-07-08	Homestead (R.F)	Sandy loam	L	M	M	Local varieties with improper management	18.09.07 to 28.10.07	10.1.07 to 15.0.1.08	333.5 (Sept-07)	15

Performance of FLD

Sl.No	Crop	Technology Demonstrated	Variety	No of farmers	Area(ha)	Demo. Yield (kg/ bed)			Yield of Local check (kg/ bed)	Increase in Yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
A	Vegetables(Tomato,Brinjal, Chilli, Drumstick, Papaya, Cauliflower, Cabbage,Palak, Radish, Carrot, Beans, Cowpea, onion	Growing desired variety of vegetables round the year under household situation	B.T.- 12, bb-47, Utkal Ragini, P.K.M-1, Pusa majesty, early kuari pride of India, All green, Pusa chetki, Pusa Keshar, Contender, Pusa barsati. Arka kalyan	20	2.0	Result awaiting						

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

Economic Impact (continuation of previous table)

Average cost of cultivation (Rs/ha)		Average gross return (Rs/ha)		Average net return(Profit)(Rs/ha)		Benefit cost ratio (gross return by gross cost)
Demonstration	Local check	Demonstration	Local check	Demonstration	Local check	
14	15	16	17	18	19	20
Result awaiting		Result awaiting		Result awaiting		Result awaiting

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
Vegetables(Tomato,Brinjal, Chilli, Drumstick, Papaya, Cauliflower,Cabbage,Palak, Radish, Carrot, Beans, Cowpea,onion	Rabi-2007	1. Seed/Variety	Homestead	Result awaiting	Result awaiting	Result awaiting

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Result awaiting

Farmers' reactions on specific technologies

S. No	Feed Back
1	Result awaiting

Extension and Training activities under FL

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	24.09.07	43	
2	Farmers Training	-	-	-	
3	Media coverage				
4	Training for extension functionaries				

F.L.D-10 Yield maximization of Taro

Sl.No	Crop	Thematic area	Technology demonstrated	Season and year	Area (no of beds)		No of farmers/ Demonstration			Reasons for short fall in achivemnt
					Proposed	Actual	SC/ST	Others	Total	
1	Taro	Production of low volume and high value crops	Planting of improved variety of taro	Kharif - 07	2.0	2.0	4	6	10	Successful at vill Badajhinki & Sanajhinki

Details of farming situation

Crop	Season	Farming Situation (RF/Irrigated)	Soil type	Status of Soil			Previous Crop	Sowing Date	Harvest Date	Seasonal Rain fall (mm)	No of Rainy days
				N	P	K					
Taro	Khari f -07	Homestead	Sandy loam	L	M	M	Local varieties with improper management	26.06.07	December-07	1259.7	48 till sept-07

Performance of FLD

Sl.No	Crop	Technology Demonstrated	Variety	No of farmers	Area(ha)	Demo. Yield (kg/ bed)			Yield of Local check (kg/ bed)	Increase in Yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			De mo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
A	Taro	Planting of improved variety of taro	Sahasra mukhi, Panisaru, muktakeshi, Zhabkri	10	2.0	Result awaiting			Plant growth parameters, yield, economics	Plant growth parameters, yield, economics		

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

Economic Impact (continuation of previous table)

Average cost of cultivation (Rs/ha)		Average gross return (Rs/ha)		Average net return(Profit)(Rs/ha)		Benefit cost ratio (gross return by gross cost)
Demonstration	Local check	Demonstration	Local check	Demonstration	Local check	
14	15	16	17	18	19	20
Result awaiting		Result awaiting		Result awaiting		Result awaiting

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
Taro	Kharif-2007	1. Seed/Variety	Homestead	Result awaiting	Result awaiting	Result awaiting

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Result awaiting

Farmers' reactions on specific technologies

S. No	Feed Back
1	Result awaiting

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	1	10.05.07	25	On campus
3	Media coverage				
4	Training for extension functionaries				

F.L.D-11 Performance of tissue culture banana

Sl.No	Crop	Thematic area	Technology demonstrated	Season and year	Area (no of beds)		No of farmers/ Demonstration			Reasons for short fall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Tissue culture banana	Cultivation of fruit	Introduction of high yielding improved banana plants with full package of practices	Khari f -07	2.0	2.0	2	4	6	Successful at vill Badajhink i & Sanajhink i

Details of farming situation

Crop	Season	Farming Situation (RF/Irrigated)	Soil type	Status of Soil			Previous Crop	Sowing Date	Harvest Date	Seasonal Rain fall (mm)	No of Rainy days
				N	P	K					
Banana	Khari f -07	Upland	Sandy loam	L	M	M	Local varieties with improper management	10.07.07	10.05.08	1259.7	48 till sep t-07

Performance of FLD

Sl.No	Crop	Technology Demonstrated	Variety	No of farmers	Area(ha)	Demo. Yield (kg/ bed)			Yield of Local check (kg/ bed)	Increase in Yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			De mo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
A	Tissue culture banana	Introduction of high yielding improved banana plants with full package of practices	Grand-9	6	2.0	Result awaiting			Plant growth parameters, yield, economics	Plant growth parameters, yield, economics		

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 by gross cost)
Demonstration	Local check	Demonstration	Local check	Demonstration	Local check	
14	15	16	17	18	19	20
Result awaiting		Result awaiting		Result awaiting		Result awaiting

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
Banana	Kharif-07	1. Seed/Variety	Upland			
		2.. Fertilizer management				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Result awaiting

Farmers' reactions on specific technologies

S. No	Feed Back
1	Result awaiting

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	1	28.08.07	25	Off campus
3	Media coverage				
4	Training for extension functionaries				

F.L.D-12 Package demonstration on rhizome spice crop(Turmeric)

Sl.No	Crop	Thematic area	Technology demonstrated	Season and year	Area (no of beds)		No of farmers/ Demonstration			Reasons for short fall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Turmeric	Production and management technology of spices	Planting of improved variety of turmeric	Khari - 07-08	0.5	0.5	6	14	20	

Details of farming situation

Crop	Season	Farming Situation (RF/Irrigated)	Soil type	Status of Soil			Previous Crop	Sowing Date	Harvest Date	Seasonal Rain fall (mm)	No of Rainy days
				N	P	K					
Turmeric	Khari -07-08	Upland	Sandy loam	L	M	M	Local varieties with improper management	12.07.07	Result awaited	1259.7 till sept-07	48 till sept-07

Performance of FLD

Sl.No	Crop	Technology Demonstrated	Variety	No of farmers	Area(ha)	Demo. Yield (kg/ bed)			Yield of Local check (kg/ bed)	Increase in Yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			De mo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
A	Turmeric	Planting of improved variety of turmeric	Suroma	20	0.5	Result awaiting					Plant growth parameters, yield, economics	Plant growth parameters, yield, economics

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

Economic Impact (continuation of previous table)

Average cost of cultivation (Rs/ha)		Average gross return (Rs/ha)		Average net return(Profit)(Rs/ha)		Benefit cost ratio (gross return by gross cost)
Demonstration	Local check	Demonstration	Local check	Demonstration	Local check	
14	15	16	17	18	19	20
Result awaiting		Result awaiting		Result awaiting		Result awaiting

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
Turmeric	Kharif-2007	1. Seed/Variety	Upland	Result awaiting	Result awaiting	Result awaiting
		3. Fertilizer management				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Result awaiting

Farmers' reactions on specific technologies

S. No	Feed Back
1	Result awaiting

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	2	21.02.07, 27.03.07	15, 25	On campus
3	Media coverage	1	24.06.07	-	-
4	Training for extension functionaries				

F.L.D-13 Rearing of Banaraja poultry birds in backyard

Sl.No	Crop	Thematic area	Technology demonstrated	Season and year	Area (no of beds)		No of farmers/ Demonstration			Reasons for short fall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Poultry birds	Poultry Management	Rearing of Banaraja poultry birds in backyard	Rabi-07	300 chicks (15 days old)	300 chicks (15 days old)	8	22	30	

Details of farming situation

Crop	Season	Farming Situation (RF/Irrigated)	Soil type	Status of Soil			Previous Crop	Sowing Date	Harvest Date	Seasonal Rain fall (mm)	No of Rainy days
				N	P	K					
Poultry birds	Rabi-07	Homestead	-	-	-	-	Local low egg laying and meat yielding poultry birds	15.09.07	Result awaiting	1259.7	48 till sep t-07

Performance of FLD

Sl.No	Crop	Technology Demonstrated	Variety	No of farmers	Area(ha)	Demo. Yield (kg/ bed)			Yield of Local check (kg/ bed)	Increase in Yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			De mo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
	Poultry birds	Free range system with Banaraja	Banaraja	30	300 chickens	Result awaiting					Grow th, yield of meat & egg	Grow th, yield of meat & egg

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

Economic Impact (continuation of previous table)

Average cost of cultivation (Rs/ha)		Average gross return (Rs/ha)		Average net return(Profit)(Rs/ha)		Benefit cost ratio (gross return by gross cost)
Demonstration	Local check	Demonstration	Local check	Demonstration	Local check	
14	15	16	17	18	19	20
Result awaiting		Result awaiting		Result awaiting		Result awaiting

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
Poultry birds	Rabi-2007	1. Banaraja chicks	Homestead	Result awaiting	Result awaiting	Result awaiting

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Result awaiting

Farmers' reactions on specific technologies

S. No	Feed Back
1	Result awaiting

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	24.09.07	49	Vaccination awareness camp
2	Farmers Training				
3	Media coverage				
4	Training for extension functionaries	2	22.07.07 18.09.07	10 10	

F.L.D-14 Performance of sugarcane variety (Nayana)

Sl.No	Crop	Thematic area	Technology demonstrated	Season and year	Area (no of beds)		No of farmers/ Demonstration			Reasons for short fall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Sugar cane	Integrated crop management	Introduction of elite high yielding sugarcane variety Co-86032 (Nayana) having better yield potential and sugar recovery	Rabi-07-08	2.0	2.0	2	8	10	-

Details of farming situation

Crop	Season	Farming Situation (RF/Irrigated)	Soil type	Status of Soil			Previous Crop	Sowing Date	Harvest Date	Seasonal Rain fall (mm)	No of Rainy days
				N	P	K					
Sugar cane	Rabi-07-08	Irrigated medium land	Sandy loam	L	M	M	Fallow	20.09.07	Result awaiting	1259.7 till sept-07	48 till sept-07

Performance of FLD

Sl.No	Crop	Technology Demonstrated	Variety	No of farmers	Area(ha)	Demo. Yield (kg/ bed)			Yield of Local check (kg/ bed)	Increase in Yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			De mo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
A	Sugar cane	Introduction of elite high yielding sugarcane variety Co-86032 (Nayana) having better yield potential and sugar recovery	Co-86032 (Nayana)	10	2.0	Result awaiting					Crop growth parameters, yield, B:C & sugar recovery	Crop growth parameters, yield, B:C & sugar recovery

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

Economic Impact (continuation of previous table)

Average cost of cultivation (Rs/ha)		Average gross return (Rs/ha)		Average net return(Profit)(Rs/ha)		Benefit cost ratio (gross return by gross cost)
Demonstration	Local check	Demonstration	Local check	Demonstration	Local check	
14	15	16	17	18	19	20
Result awaiting		Result awaiting		Result awaiting		

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
Sugar cane	Rabi-07	1. Seed/Variety	Irrigated medium land	Result awaiting	Result awaiting	Result awaiting
		2.Fertilizer Management				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Result awaiting

Farmers' reactions on specific technologies

S. No	Feed Back
1	Result awaiting

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	1	10.08.07	25	On campus
3	Media coverage				
4	Training for extension functionaries				

F.L.D-15 Package demonstration on Pratikhya variety Paddy

Sl.No	Crop	Thematic area	Technology demonstrated	Season and year	Area (no of beds)		No of farmers/ Demonstration			Reasons for short fall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Paddy	Integrated crop management	Introduction of OUAT variety (Pratikhya) which is tolerant to major diseases with a high yield potential	Khari - 2007	4.5	4.5	3	12	15	1

Details of farming situation

Crop	Season	Farming Situation (RF/Irrigated)	Soil type	Status of Soil			Previous Crop	Sowing Date	Harvest Date	Seasonal Rain fall (mm)	No of Rainy days
				N	P	K					
Paddy	Khari - 2007	Rainfed medium land	Sandy loam	L	M	M	Paddy	18.06.07	Result awaiting	1259.7 till sept-07	48 till sept-07

Performance of FLD

Sl.No	Crop	Technology Demonstrated	Variety	No of farmers	Area(ha)	Demo. Yield (kg/ bed)			Yield of Local check (kg/ bed)	Increase in Yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
A	Paddy	Introduction of OUAT variety (Pratikhya) which is tolerant to major diseases with a high yield potential	Pratikhya	20	4.5	Result awaiting					Crop growth parameters, yield, B:C & Yield index	Crop growth parameters, yield, B:C & Yield index

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

Economic Impact (continuation of previous table)

Average cost of cultivation (Rs/ha)		Average gross return (Rs/ha)		Average net return(Profit)(Rs/ha)		Benefit cost ratio (gross return by gross cost)
Demonstration	Local check	Demonstration	Local check	Demonstration	Local check	
14	15	16	17	18	19	20
Result awaiting		Result awaiting		Result awaiting		

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

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Paddy	Kharif 07	1. Seed/Variety	Rainfed medium land	Result awaiting	Result awaiting	Result awaiting
		2.Fertilizer Management				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Result awaiting

Farmers' reactions on specific technologies

S. No	Feed Back
1	Result awaiting

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	2	10.06.07; 25.09.07	25; 25	On campus
3	Media coverage				
4	Training for extension functionaries	2	2.08.07 28.09.07	20; 20	On campus

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

A) ON Campus

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women									
I Crop Production									
Weed Management	1	3	14	4	18	5	2	7	25
Integrated Farming	1	3	12	6	18	3	4	7	25
Nursery management	1	3	20	0	20	5	0	5	25
Integrated Crop Management	5	14	56	16	72	22	26	48	120
II Horticulture									
a) Vegetable Crops									
Nursery raising	1	3	16	4	20	4	1	5	25
Exotic vegetables like Broccoli									
Export potential vegetables	1	3	10	2	12	6	7	13	25
b) Fruits									
c) Ornamental Plants									
Management of potted plants	1	3	9	7	16	7	2	9	25
d) Plantation crops									
e) Tuber crops									
Production and Management technology	1	4	13	2	15	7	3	10	25
f) Spices									
Production and Management technology	1	3	1	3	4	2	9	11	15
g) Medicinal and Aromatic Plants									
III Soil Health and Fertility Management									
IV Livestock Production and Management									
Disease Management	1	3	14	3	17	6	2	8	25
V Home Science/Women empowerment									
Household food security by kitchen gardening and nutrition gardening	1	2	13	7	20	2	3	5	25
Storage loss minimization techniques	1	3	5	5	10	5	10	15	25
VI Agril. Engineering									
VII Plant Protection									
Integrated Pest Management	2	6	23	9	32	14	4	18	50
Integrated Disease Management	1	3	13	4	17	7	1	8	25
Bio-control of pests and diseases	1	3	10	1	11	6	3	9	20
VIII Fisheries									
Integrated fish farming	2	6	27	-	27	20	3	23	50
IX Production of Inputs at site									
X Capacity Building and Group Dynamics									
XI Agro-forestry									
XII Others (Pl. Specify)									
TOTAL	22	65	256	73	329	121	80	201	530
(B) RURAL YOUTH									
Mushroom Production	3	9	23	11	34	8	13	21	55
Seed production	4	18	34	51	85	7	8	15	100
Production of organic inputs									
Integrated Farming	1	3	4	13	17	8	0	8	25
Planting material production	1	5	17	3	20	3	2	5	25
Vermi-culture	2	6	26	17	43	4	3	7	50
Repair and maintenance of farm machinery and implements	1	3	15	6	21	3	1	4	25
Training and pruning of orchards									
Value addition	2	6	12	16	28	14	8	22	50
Sheep and goat rearing	1	3	13	6	19	4	2	6	25
TOTAL	15	53	144	123	267	51	37	88	355

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
(C) Extension Personnel									
Integrated Nutrient management	4	10	53	9	62	10	3	13	75
Rejuvenation of old orchards	1	2	7	2	9	5	1	6	15
Low cost and nutrient efficient diet designing	2	6	12	12	24	2	4	6	30
Ornamental fisheries	1	3	4	-	4	6	-	6	10
Any other (Pl. Specify) Validation of ITKs	2	4	25	0	25	3	2	5	30
Ornamental fish arming	2	4	14	5	19	9	2	11	30
TOTAL	12	29	115	28	143	35	12	47	190

B) OFF Campus

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women									
I Crop Production									
Resource Conservation Technologies	1	3	9	4	13	9	3	12	25
Integrated Crop Management	1	3	19	3	22	2	1	3	25
II Horticulture									
a) Vegetable Crops									
b) Fruits									
Layout and Management of Orchards	1	3	-	5	5	11	9	20	25
c) Ornamental Plants									
d) Plantation crops									
f) Spices									
g) Medicinal and Aromatic Plants									
III Soil Health and Fertility Management									
IV Livestock Production and Management									
V Home Science/Women empowerment									
VI Agril. Engineering									
Repair and maintenance of farm machinery and implements	1	3	4	3	7	8	5	13	20
VII Plant Protection									
Integrated Pest Management	2	6	31	3	34	15	1	16	50
VIII Fisheries									
Integrated fish farming	1	3	11	1	12	7	1	8	20
Composite fish culture	1	3	12	4	16	8	1	9	25
Hatchery management and culture of freshwater prawn	1	3	12	5	17	6	2	8	25
Breeding and culture of ornamental fishes	1	3	7	5	12	6	7	13	25
Portable plastic carp hatchery									
Culture of Asian catfish	1	3	22	-	22	3	-	3	25
IX Production of Inputs at site									
X Capacity Building and Group Dynamics									
XI Agro-forestry									
Integrated Farming Systems	1	3	14	7	21	3	1	4	25
XII Others (Pl. Specify)									
TOTAL	12	36	141	40	181	78	31	109	290
(B) RURAL YOUTH									
Bee-keeping	2	10	19	15	34	16	-	16	50
Seed production	2	6	28	7	35	13	2	15	50
Poultry production	1	3	7	10	17	5	3	8	25
Ornamental fisheries	2	6	20	10	30	12	8	20	50
TOTAL	7	25	74	42	116	46	13	59	175

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
X Capacity Building and Group Dynamics									
XI Agro-forestry									
Integrated Farming Systems	1	3	14	7	21	3	1	4	25
XII Others (Pl. Specify)									
TOTAL	34	100	415	108	523	193	104	297	820
(B) RURAL YOUTH									
Mushroom Production	3	9	23	11	34	8	13	21	55
Bee-keeping	2	10	19	15	34	16	0	16	50
Seed production	6	24	62	58	120	20	10	30	150
Integrated Farming	1	3	4	13	17	8	0	8	25
Planting material production	1	5	17	3	20	3	2	5	25
Vermi-culture	2	6	26	17	43	4	3	7	50
Repair and maintenance of farm machinery and implements	1	3	15	6	21	3	1	4	25
Value addition	2	6	12	16	28	14	8	22	50
Sheep and goat rearing	1	3	13	6	19	4	2	6	25
Poultry production	1	3	7	10	17	5	3	8	25
Ornamental fisheries	2	6	20	10	30	12	8	20	50
TOTAL	22	78	218	165	383	97	50	147	530
(C) Extension Personnel									
Productivity enhancement in field crops									
Integrated Pest Management									
Integrated Nutrient management	4	10	53	9	62	10	3	13	75
Rejuvenation of old orchards	1	2	7	2	9	5	1	6	15
Management in farm animals	2	4	13	0	13	5	2	7	20
Low cost and nutrient efficient diet designing	2	6	12	12	24	2	4	6	30
Any other (Pl. Specify) Validation of ITKs	2	4	25	0	25	3	2	5	30
Ornamental fish farming	2	4	14	5	19	9	2	11	30
Integrated fish farming	1	2	8	0	8	2	0	2	10
TOTAL	14	32	132	28	160	36	14	50	210

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

Date	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Crop Production										
03.10.06 to 05.10.06	20	Advance crop production Practices for rabi pulses	3	On	7	13	20	5	12	17
19.02.07 to 21.02.07	25	Vermicomposting from farm waste	3	On	13	12	25	-	1	1
04.06.07 to 06.06.07	25	Improved production technique of groundnut, Sesamum, Toria and Safflower crops	3	On	18	7	25	4	3	7
07.06.07 to 09.06.07	25	Production technique of maize	3	On	15	10	25	5	6	11
10.06.07 to 11.06.07	25	Maximization of paddy yield by selection of suitable variety	2	On	18	7	25	4	3	7
15.06.07 to 17.06.07	25	Seed production technique FAQ	3	Off	16	9	25	5	2	7
02.07.07 to 04.07.07	25	Package of practices for ragi and other millets of the locality	3	On	20	5	25	4	2	6
06.07.07 to 08.07.07	25	SRI technique in rabi paddy production	3	Off	21	4	25	2	1	3
10.07.07 to 12.07.07	25	Integrated weed management for upland crops	3	On	19	6	25	5	2	7
02.08.08 to 03.08.07	20	Integrated Nutrient management on rice & Rice based cropping	2	On	15	5	20	2	2	4

		system								
10.08.07 to 12.08.07	25	Sugarcane sett production technique	3	On	20	5	25	2	1	3
17.08.07 to 19.08.07	25	Crop diversification by non-Paddy crops	3	On	15	10	25	3	4	7
22.08.07 to 24.08.07	25	Vermi composting from farm waste	3	On	17	8	25	4	2	6
13.09.07 to 15.09.07	25	Different methods of nursery raising in Sugarcane	3	On	25	-	25	5	-	5
25.09.07 to 27.09.07	25	Balance Nutrient & Micronutrient Application in kharif Paddy	3	Off	18	7	25	9	3	12
28.09.07 to 29.09.07	20	Integrated Nutrient management on rice & Rice based cropping system	2	On	19	1	20	3	-	3
Horticulture										
21.02.07 to 23.02.07	15	Production package of rhizome spices ginger, turmeric, mango ginger & their post harvesting operations	3	On	3	12	15	2	9	11
22.03.07 to 26.03.07	25	Seed production and seed extraction techniques of Tomato	5	On	1	24	25	1	-	1
27.03.07 to 31.03.07	25	Seed production and post harvest techniques of spices	5	On	5	20	25	-	3	3
10.05.07 to 13.05.07	25	Package of practices of tuber crops	4	On	20	5	25	7	3	10
23.06.07 to 25.06.07	15	Role and use of micronutrients and hormones in horticultural crops	3	On	15	-	15	1	-	1
28.06.07 to 30.06.07	25	Cultivation of household used medicinal plants in the backyards	3	On	12	13	25	8	-	8
06.08.07 to 08.08.07	20	Role and use of micronutrients and hormones in horticultural crops	3	ON	14	6	20	4	1	5
15.08.07 to 17.08.07	25	Production technology of ornamental plants	3	On	16	9	25	7	2	9
21.08.07 to 23.08.07	25	Nursery raising in vegetable crops	3	On	20	5	25	4	1	5
28.08.07 to 30.08.07	25	Nutrient management of Mango, Citrus & Banana orchards	3	Off	11	14	25	11	9	20
06.09.07 to 10.09.07	25	Seed production and post harvest techniques of spices	5	On	15	10	25	4	3	7
26.09.07 to 28.09.07	25	Improved package of practices for onion and garlic	3	On	16	9	25	6	7	13
Fishery										
7.10.06 to 9.10.06	20	Integrated fish farming	3	Off	18	2	20	7	1	8
25.03.07 to 27.03.07	25	Ornamental fish farming	3	Off	12	13	25	6	7	13
16.05.07 to 18.05.07	25	Predatory and weed fish management	3	On	25	-	25	5	-	5
05.06.07 to 07.06.07	25	Freshwater prawn farming	3	Off	18	7	25	6	2	8
09.06.07 to 11.06.07	25	Polyculture in fish farming	3	Off	20	5	25	8	1	9
15.06.07 to 17.06.07	25	Ornamental fish farming	3	Off	20	5	25	6	1	7
02.07.07 to 04.07.07	25	Seed production technology of Catla , Rohu and Cat fish	3	Off	25	-	25	8	-	8
21.07.07 to 22.07.07	10	Breeding and culture practices of ornamental fishes	2	On	10	-	10	6	-	6
02.08.07 to 04.08.07	25	Culture practices of asian cat fish	3	Off	25	-	25	3	-	3
10.08.07 to 11.08.07	20	Breeding and culture practices of ornamental fishes	2	On	13	7	20	3	2	5

15.09.07 to 17.09.07	25	Netting operation of river and reservoir fishes	3	On	22	3	25	15	3	18
20.09.07 to 21.09.07	10	Disease diagnostic procedures in fresh water fish farming	2	Off	10	-	10	2	0	2
Plant protection										
19.03.07 to 21.03.07	20	Paddy straw mushroom and oyster mushroom cultivation	3	On	3	17	20	1	12	13
22.03.07 to 23.03.07	10	Valediction of different ITKs regarding pest and diseases of major cereal and pulses	2	On	10	0	10	2	0	2
27.03.07 to 31.03.07	25	Rearing of Italian Honey bee	5	Off	15	10	25	10	0	10
12.06.07 to 13.06.07	20	Valediction of different ITKs regarding pest and diseases of major cereal and pulses	2	On	18	2	20	1	2	3
17.06.07 to 19.06.07	25	IPM for cereals and millets	3	On	16	9	25	8	2	10
22.06.07 to 23.06.07	20	Techniques of seed treatment with fungicides	2	Off	25	0	25	-	-	-
26.06.07 to 30.06.07	25	Rearing of Italian Honey bee	5	Off	20	5	25	6	0	6
14.07.07 to 16.07.07	25	Pest and disease management in kharif vegetables	3	On	20	5	25	7	1	8
18.07.07 to 20.07.07	25	IPM for pulses and oil seed crops	3	On	21	4	25	6	2	8
24.07.07 to 26.07.07	20	Use of botanical pesticide in kharif vegetables	3	On	16	4	20	6	3	9
14.08.07 to 16.08.07	25	Techniques for preparation of spray solution and safe handling of pesticides	3	Off	21	4	25	7	1	8
18.08.07 to 20.08.07	25	Spawn production technique	3	On	18	7	25	3	1	4
24.08.07 to 26.08.07	10	Paddy straw mushroom and oyster mushroom cultivation	3	On	10	0	10	4	0	4
27.08.07 to 29.08.07	25	IPM for cereals and millets	3	Off	25	0	25	8	0	8
Agriculture Engineering										
11.10.06 to 13.10.06	20	Use and repair of low lift pump	3	Off	12	8	20	8	5	13
21.06.07 to 23.06.07	25	Use and repair of different farm machineries	3	On	18	7	25	3	1	4
Home Science										
12.04.07 to 14.04.07	25	Post harvest storage of pulses and cereal	3	On	10	15	25	5	10	15
26.04.07 to 28.04.07	25	Preservation and value addition of fruits and vegetables	3	On	8	17	25	4	6	10
27.05.07 to 29.05.07	10	Preparation of supplementary diet and pre school aids by women SHG	3	On	-	10	10	-	3	3
27.06.07 to 29.06.07	20	Preparation of supplementary diet and pre school aids by women SHG	3	On	14	6	20	2	1	3
10.07.07 to 12.07.07	25	Preservation and value addition of fruits and vegetables	3	On	18	7	25	10	2	12
08.09.07 to 09.09.07	25	Kitchen gardening	2	On	15	10	25	2	3	5
Forestry										
12.06.07 to 14.06.07	25	Commercial plantation of Teak, Eucalyptus and Mangium	3	Off	17	8	25	3	1	4
19.06.07 to 20.06.07	15	Raising of biodisel yielding plant species	2	On	12	3	15	5	1	6
10.08.07 to 14.08.07	25	Forest nursery development and its maintenance	5	On	20	5	25	3	2	5
Agriculture Extension										

26.06.07 to 28.06.07	25	Backyard poultry farming ,SHG group formation and management	3	Off	12	13	25	5	3	8
Animal Science										
18.07.07 to 20.07.07	25	Sheep and goat rearing on commercial lines for self employment	3	On	17	8	25	4	2	6
22.07.07 to 23.07.07	10	Vaccination and medication of backyard poultry bird for paravet workers and LIs	2	On	8	2	10	2	2	4
06.08.07 to 08.08.07	25	Management, sanitation and up gradation of breeds of small ruminants	3	On	21	4	25	2	1	3
18.09.07 to 19.09.07	10	Vaccination and medication of backyard poultry bird for paravet workers and LIs	2	On	10	-	10	3	0	3

(D) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed elsewhere
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Mushroom	Mushroom Production	Mushroom cultivation	15	20	-	20	Bed	240	12	-

* training title should specify the major technology /skill transferred

(E) Sponsored Training Programmes

Sl. No	Title	Thematic area	Month	Duration (days)	Client PF/Ry/ EF	No. of courses	No. of Participants						Sponsoring Agency	
							Male		Female		Total			
							Others	SC/ST	Others	SC/ST	Others	SC/ST		Total
1	Farmer's training for seed village participants	Seed production	March	3	PF	1	44	25	20	11	64	36	100	Directorate of Agriculture, (Govt. of India)
2.	Acid soil management	Management of problematic soils	March	1	PF	2	128	14	54	4	182	18	200	Dept of Soil Science, O.U.A.T
3.	Mushroom cultivation	Mushroom Production	July-Aug	15	RY	1	12	8	-	-	20	-	20	KCSD-KIIT, Bhubaneswar
4.	Organic Farming	Production of organic inputs	March	1	PF	4	131	25	38	6	169	31	200	National centre for organic farming .Gov. of India, Gaziabad
5.	Gramin Bhandaran yojana	Post Harvest Technology	March	3	PF	1	19	8	8	7	27	15	42	DMI, Bhubaneswar (Govt. of India) NIAM, Rajasthan
Total				23		9	334	80	120	28	462	100	562	

3.4. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Farmer's Fair(Organic farming)	2	80	20	100	-	-	-	80	20	100
Field Day	5	85	35	120	13	11	24	98	46	144
Kisan Mela	6	215	57	272	18	21	39	233	78	311
Kisan Ghosthi	5	42	10	52	-	-	-	42	10	52
Film Show	3	67	13	80	16	-	16	83	13	96
Method Demonstrations	2	78	12	90	10	5	15	88	17	105
Farmers Seminar	2	46	14	60	10	2	12	56	16	72
Workshop	-	-	-	-	--	-	-	-	-	-
Group meetings	10	98	22	120	8	2	10	106	24	130
Lectures delivered as resource persons	20	1278	72	1350	80	15	95	1358	87	1445
Newspaper coverage	16	-	-	*						
Radio talks	26			*						
TV talks	3			*						
Popular articles	10			*						
Extension Literature	9			*						
Advisory Services	5	78	22	100	4	-	4	82	22	104
Scientific visit to farmers field	845	2587	163	2750	-	-	-	2587	163	2750
Farmers visit to KVK	541	520	21	541	-	-	-	520	21	541
Diagnostic visits	10	210	22	232	05	02	07	215	24	239
Exposure visits	10	133	20	153	04	01	05	137	21	158
Ex-trainees Sammelan										
Soil health Camp	2	182	18	200	02	-	02	184	18	202
Animal Health Camp	1	43	20	63	03	01	04	46	21	67
Agri mobile clinic										
Soil test campaigns	2	110	21	131	-	-	-	110	21	131
Farm Science Club Conveners meet	5	95	15	110	05	02	07	100	17	117
Self Help Group Conveners meetings	3	40	13	53	-	-	-	40	13	53
Mahila Mandals Conveners meetings	2	-	22	22	-	-	-	-	22	22
Celebration of important days (specify)	1	18	12	30	04	02	06	22	14	36
1. World food day										
2. SAC meeting	1	23	3	26	-	-	-	23	3	26
3. OUAT Foundation day	1	27	6	33	-	02	02	27	08	35
4.Kisan Divas	1	30	5	35	-	-	-	30	5	35
5.Women in Agriculture Day	1	15	40	55	-	15	15	15	55	70
6.Fish farmers da y	1	39	3	42	1	2	3	40	5	45
7.World Envirionment day	1	23	10	33	-	-	-	23	10	33
Any Other (Specify)										
Total	1552	6162	691	6853	183	83	266	6345	774	7119

3.5 Production and supply of Technological products

SEED MATERIALS

Category	Crop	Variety	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
CEREALS	Paddy	Swarna (TL)	44.7	47382	140
		Swarna (FS)	7.5	9750	50
		Pratikhya	15.0	22500	50
		Pusa basumati	0.85	1700	25
		Pusa Sugandha-II	1.19	2380	50
MILLETS					
OILSEEDS	Toria	Parvati	0.29	986	10
PULSES	Green Gram	Nayagarh Sel-I	0.11	434	04
VEGETABLES					
FLOWER CROPS					
CASH CROP					
FOREST PLANTS					
FISH					
OTHERS (Specify)					

SUMMARY

Sl. No.	Crop	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
1	CEREALS	69.24	83712	315
2	OILSEEDS	0.29	986	10
3	PULSES	0.11	434	04
4	VEGETABLES	-	-	-
5	FLOWER CROPS	-	-	-
6	OTHERS	-	-	-
TOTAL		69.64	85132	329

PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
FRUITS					
	Papaya	P-Majesty	510	1530	62
	drumstick	PKM-1	50	250	06
SPICES					
VEGETABLES					
FOREST SPECIES					
ORNAMENTAL CROPS					
	Marigold	Inca	560	2300	52
	Sebati	Hybrid	50	250	12
PLANTATION CROPS					
Others (specify)					

SUMMARY

Sl. No.	Crop	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
1	FRUITS	560	1780	68
2	VEGETABLES	-	-	-
3	SPICES	-	-	-
4	FOREST SPECIES	-	-	-
5	ORNAMENTAL CROPS	610	3050	64
6	PLANTATION CROPS	-	-	-
7	OTHERS	-	-	-
	TOTAL	1170	4830	132

BIO PRODUCTS Not existing

LIVESTOCK Not existing

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
Research papers	1. Evaluation of productivity and energy potentiality of wheat through INM in wheat based cropping system	<i>Dr. S.C. Mohapatra et.al.</i>	9
	2. Productivity, profit and soil fertility of pulse based cropping system in rainfed upland	<i>Dr. S.C. Mohapatra et.al.</i>	
	3. Participatory assessment of nutrient management in Paddy-Field pea (Paira) system	<i>Sri B.S. Bishoyi et.al.</i>	
	4. Maximum utilization of pond carrying capacity through composite fish culture.	<i>Mr. Biswa Ranjan Samantaray et.al.</i>	
	5. On farm evaluation of different weed management practices in Kharif ground nut	<i>Dr. S.C. Mohapatra</i>	
	6. Performance of sweet potato varieties in the tribal holdings of Sonapur.	<i>Mrs. D. Sahu. et.al.</i>	
	7. Adoption of recommended ginger cultivation practices	<i>Mrs. D. Sahu.</i>	
	8. Effect of sources of Nitrogen on growth, yield & economics of forage maize and soil health	<i>Sri B.S. Bishoyi</i>	
	9. Role of duck weeds in waster water treatment	<i>Mr. Biswa Ranjan Samantaray</i>	
Technical reports	<ul style="list-style-type: none"> • EFC Report of XIth Plan-2007-11 • Progress Report 2006-07 • Annual Action Plan 2006-07 • Annual Action Plan 2007-08 		4

News letters			
Technical bulletins	Improved Sesamum cultivation	<i>Dr. S.C. Mohapatra & Sri B.S. Bishoyi</i>	9
	Profitable Groundnut cultivation	<i>Sri B.S. Bishoyi & Dr. S.C. Mohapatra</i>	
	Do mustard cultivation for profit	<i>Sri B.S. Bishoyi & Dr. S.C. Mohapatra</i>	
	Aftercare of sugarcane crop	<i>Sri T.K. Das & Mrs. P.Behera</i>	
	Integrated pest management in Kharif paddy	<i>Mrs. P.Behera & Sri T.K. Das</i>	
	Teak plantation: A profitable Business	<i>Sri. S. Nayak</i>	
	Profitable fresh water prawn farming	<i>Mr. B.R. Samataray</i>	
	Improved Cultivation practices of Hybrid Tomato, Brinjal & Chilli	<i>Mrs. D. Sahu.</i>	
	Scientific method of food grain storage	<i>Sri. P. K. Panda & T. K. Das</i>	
Popular articles	1. Improved package of Practices for summer ground nut	<i>Dr. S. C. Mohapatra & B. S. Bishoyi</i>	7
	2. Package of practices for sugarcane cultivation	<i>Dr. S. C. Mohapatra</i>	
	3. Problematic soil	<i>Dr. S. C. Mohapatra</i>	
	4. Useful mushroom	<i>Dr. S. C. Mohapatra</i>	
	5. Technical know-how on rice	<i>Dr. S. C. Mohapatra</i>	
	6. Natural food of fish	<i>Mr. Biswa Ranjan Samantaray</i>	
	7. Pond Preparation before fish farming	<i>Mr. Biswa Ranjan Samantaray</i>	
Extension literature			
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

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

SUCCESS STORY -1

Growing of Pumpkin as a Summer Vegetable:

- Name of the Enterprise / : Summer Pumpkin Cultivation
Practice / Technology
- Name & Address of the Farmer : Sri Khageswar Nayak
Village : Badajhinki
Block : Sonepur

3. Initial Status

In Subarnapur District there are about 128318 ha. cultivated land with 10494 ha. area under vegetable cultivation. Among vegetables, Pumpkin is one of the important and demandable vegetable in Subarnapur district, which is grown in around 500 ha area of the total 1700 ha area of summer vegetables i.e in about 30% of area in 4 blocks(Ullunda,Tarava,B.M.Pur & Sonepur) of the district. Pumpkin fetches high market price in summer. But due to adoption of local long duration cultivar (150 to 160 days), which produce big size fruits with lower keeping quality due to improper fertilizer management i.e application of only Urea as nitrogenous fertilizer which enhance the vegetative growth. Moreover this local variety was affected by fruit fly, Anthracnose and yellow vein mosaic etc which decreases the yield and market value of the produce.

Bada Jhinki a village in Sonepur block of Subarnapur District is situated at a distance of 5 kms from the district Headquarters. 91 families in the village with a population of 415 having SC population 54 and ST population 88. The farmers cultivate Paddy, Oil Seed, Vegetable and undertake Dairy and Poultry in Small Scale. The daily consumption of pumpkin is around 500 gm. per family per day in the village so there is huge demand of pumpkin but availability is less. 5 ha area in Badajhinki village itself is under summer pumpkin cultivation with irrigation facility only from shallow dug well situated at the bottom area of the sloppy terrain, but farmers of the village are not able to meet the demand as well as to get the profit due to lack of improved package of practice.

4. KVK intervention :

The KVK realized the problem of farmers, which have a prime choice on summer pumpkin cultivation, which fetches high local market price and can be grown with the available irrigation facility. The KVK took initiative & conducted FLD in February, 2007 by providing them high yielding & short duration pumpkin variety Pusa Vishwas (100-120 days) – giving small to medium sized fruits of around(3-4Kg), along with fertilizer (CAN) which improves the keeping quality of the fruit upto 5-6 months, Hormone (Etherel) which increases the number of pistillate flowers and Pesticides. Subsequently KVK has conducted training programme on pumpkin cultivation in March, 2007. They were also trained regarding fertilizer application and Pest and Disease Management.

5. Innovative Extension Approach:

KVK scientists exposed the other Pumpkin farmers of the village growing pumpkin in local package of practices to the field of successful farmers of Badajhinki and to interact with him regarding the new improved package of practices in the form of use of new variety, application of recommended dose of fertilizer and its time of application, along with importance of calcium for good keeping quality of

fruit, pest and disease management etc. Scientists of KVK monitored the field of successful farmers regularly and gave necessary technical guidance.

6. Details of Technology:

a) Seed:- seeds of new variety Pusa Vishwas were supplied to the farmers @ 5 kg /ha.

b) Fertilizer – Dose : 75-80-80

Full P&K along with FYM were applied as Basal dose.

CAN was applied @ 300 kg./Ha. in three split dose.

First 1/3rd at 20 days after sowing

Second 1/3rd at 40 days after sowing

Third 1/3rd at 60 days after sowing

c) Hormone – Etherel @ 0.6 ml. /Lt. of water were applied for two times.

First application was made at 2-4 leaf stage (20 DAS)

Second application was made at 20 days after first application

d) Pesticides – Sevin -3 gm./Ltr. was applied to control red pumpkin beetle

Rogor – 2 ml./Ltr. was applied to control thrips, Aphid, white fly and Serpentine Leaf Miner .

Malathion (3 ml.) + Gur (50 gm) in one ltr. of water was applied to control fruit fly.

Mancozeb – 3gm./Ltr. was applied to control downy mildew and anthracnose disease.

7. Adoption of Technology & Benefit to the Farmer

Sri Nayak an interested farmer with an area of 1 acre having a shallow dug well adopted the new improved technology with proper fertilizer, Pest and Disease Management Strategies. Earlier he was facing downy mildew, anthracnose and fruit fly problem and by adopting the improved technology, the pest and disease problem was reduced. Earlier he was getting 3 tones/acre. with a net profit of Rs.3200/- (Total Return Rs 6500/- and total expenditure Rs 3300/-) and by adopting this technology he got an yield of 6 tones/acre with a profit of Rs.8500/- (Total Return Rs 13250/- and total expenditure Rs 4750/-) within 4 months period. The profit margin was increased when stored for 3-4 months.

8. Model of Technology Dissemination:

VILLAGE SURVEY , DISCUSSION WITH FARMERS ALONG WITH SITUATION ANALYSIS

LOW YIELD DUE TO TRADITIONAL METHOD OF CULTIVATION USING POOR PACKAGE OF PRACTICES WITH DEGENERATED VARIETIES GIVING BIG SIZE FRUITS SUSCEPTIBLE TO DISEASE AND PEST AND ALSO HAVING LOW KEEPING QUALITY DUE TO IMPROPER FERTILIZER MANAGEMENT
HIGH DEMAND IN THE LOCAL MARKET AND AVAILABILITY OF DUGWELL FOR IRRIGATION

TRAINING ON PUMPKIN CULTIVATION WITH EMPHASIS ON IMPROVED VARIETY WITH MEDIUM SIZED FRUIT, ALONG WITH FERTILISER, PEST AND DISEASE MANAGEMENT
DEMONSTRATION ON “ IMPROVED PACKAGE OF PRACTICES FOR PUMPKIN CULTIVATION”

YIELD IS ENHANCED FROM 3T/ACRE TO 6T/ACRE WITH ADDITIONAL INCOME OF Rs 5300/- PER ACRE YIELD AND PROFIT WAS MORE DUE TO MEDIUM SIZED FRUITS HAVING THICK SKIN, WITH BETTER KEEPING QUALITY, LESS DISEASE AND PEST INCIDENCE

OTHER FARMERS OF THE VILLAGE BECAME INTERESTED TO GROW PUMPKIN WITH THE IMPROVED PACKAGE OF PRACTICES THE VARIETY AND SEED DEMAND INCREASED

NON-AVAILABILITY OF PUSA VISHWAS VARIETY SEED IN LOCAL MARKET.
POOR KNOWLEDGE OF FARMERS IN OTHER ADOPTED VILLAGES ON FERTILISER, DISEASE AND PEST MANAGEMENT IN PUMPKIN.

KVK IS PLANNING TO
CONDUCT TRAININGS FOR OTHER FARMERS AND ADOPTED VILLAGES ON PUMPKIN CULTIVATION USING IMPROVED PACKAGE OF PRACTICES

CONDUCT TRAINING ON “PUMPKIN SEED PRODUCTION”

DEMONSTRATION ON CULTIVATION OF “IMPROVED PACKAGE OF PRACTICES FOR PUMPKIN CULTIVATION”

FACILITATE LINKAGE WITH NSC AND DISTRICT HORTICULTURE DEPARTMENT FOR SEED SUPPLY.

9. Farmer Reaction and Feedback:

The farmers of the village were impressed with the success, net profit and keeping quality by adopting improve package of practice of summer pumpkin cultivation. Farmers were interested to know the poison bait by using malathion and gur to control fruit fly. Farmers are demanding for supply of good quality seeds.

10. Extent of diffusion effect of the newly adopted technology:

Being inspired by the success 5 more farmers in the village and 17 farmers of nearby villages (Singari and Panisiali) were interested to adopt the technology. Mr. Nayak is now not only a successful farmer but also a farmer promoter in disseminating the new technology.

11. Follow up action:

1. K.V.K has documented the success story
2. A wide publicity by KVK has been done by Radio, Doordarshan and Local Newspapers
3. Training and demonstration will be conducted in other adopted villages.
4. Literatures will be published in Oriya for dissemination of knowledge and technology
5. The Technology will be highlighted through farmers fair and village level meeting

Success story -2

COMPOSITE FISH CULTURE

1. Name of the Enterprise/Practice/technology

Composite Fish Culture

2. Name & address of the farmer:

Mr. Bishnu Prasad Guru
Vill- Lakarma
Po- Baidyanath
Block- Sonepur
Dist.- Subarnapur

3. Initial Status/ practice of farmer

Sonepur district is situated in the Northwestern side of the state of Orissa. The entire district lies in the watershed basin of the river Mahanadi having geographical area of 2284.4 sq.km. and annual normal rainfall of 1443.5 mm. The district is also having 3614 nos of tanks of area 4657.29ha for freshwater fish farming. Most of the farmers of Sonepur district generally practice traditional fish farming without proper pre and post stocking management. The farmers generally stock fish spawn in their culture ponds without maintaining proper stocking density and species ratio which leads to poor growth and less production.

The village Lakarma of Hardokhol Grampanchayat is situated 12km from the district headquarter. The village is having 94 numbers of households having population of 424 out of which, SC population is of 75 and ST population is of 6 and the total worker population is of 236. The village is having 5 pisciculture tanks of 6.5 Ac out of which 3 are grampanchayat tanks of 4.5 Ac water area and 2 private tanks of 2 Ac. Most of the farmers of the village are small (< 2.5 Ac) and marginal (2.5-5.0 Ac) category and do cultivate paddy, vegetables and few do take up traditional fish farming. Initially Mr. Guru was taking up traditional fish farming. He stocked fish spawn in his culture pond without following proper stocking density, stocking species ratio, pre and post stocking management like pond preparation, eradication of trash fish, periodic manuring, timely feeding and regular sampling in his culture pond of area 1 Ac and was getting a yield of 0.48ton/Ac/yr and trash fish of 69kg and gross income of Rs 23,325/-with expenditure of Rs 13,325/-. His net profit was of Rs.10, 000/yr.

3. KVK intervention

Based on the interest of the farmer to adopt new technology and keeping view of the low yield and low return from the present culture practices it was proposed to carry out the modern composite fish culture. So training programs on composite fish culture and integrated fish farming were organized. After undergone the training program and regular discussion with the farmers and exposure visit they became more interested to adopt new technology. So based on interest, suitability and water availability Mr. Guru's pond was selected for one of the demonstration pond with the input as fish fingerlings.

4. Innovative extension approach and methodology:

During the training program it was observed that the farmers were more interested for the practical exposure to the scientific fish farming activities. So after the training programs regular discussion with the farmers was carried out. A group of 10 farmers was selected for the exposure visit to Farm and Fish Seed Hatchery project, Binika to have idea about scientific method of fish farming. Keeping in mind of the previous trash fish yield it was found that the pond was loaded with trash fish, who consume the major share of feed leading to poor growth of fish as well as low yield. So with the technology of KVK Sri Guru Partially dried the fish pond and applied bleaching powder with area for complete eradication trash fish and he had put a thin muslin cloth in the inlet point to trap the entrance of trash fish into the culture pond. Regular field visit and group discussion were carried out to get ride of the problems of the farmers and clearance of their doubts regarding the adoption of the culture practice.

5. Details of the Enterprise/Practice/technology introduced

Prestocking Management

Initial pond preparation:

The pond partially drained followed by application of Urea @ 80 kg/Ac and Bleaching powder @ 40 kg/Ac for eradication of trash fish upon complete drying the pond bottom was ploughed thoroughly and kept for sun drying. The removal of the aquatic weeds was done manually.

Manuring and pond fertilization

The pond was manured with both organic (Cow dung) and inorganic (Urea, Single super phosphate) fertilizers to have sufficient natural food for the fish.

Manure	Dose
Cowdung	1.2 ton/Ac
Urea	40 kg/Ac
SSP	40kg/Ac

Stocking of fish fingerlings

The pond was stocked with the following stocking density and stocking species ratio.

Stocking Density:

The fingerlings of Catla, Rohu, Mrigala, Grass carp, Silvercarp, and Common carp of 41-61mm size @ 3640 nos/ Ac.

Stocking species ratio : Surface feeder -Catla25% Silver carp10%,
Column feeder -Rohu15%
Bottomfeeder- Mrigal20%,Commoncarp20%
Macrophyte feeder- Grass carp 10%

Post stocking management

Supplementary feeding:

Feed composition : Ground nut oil cake and Rice Bran at the ratio of 1:1

Feeding Schdule ; Two times daily (Morning 10AM and afternoon 4PM)

Feeding rate

Month	% of total biomass
1 st ,2 nd & 3 rd month	8%
4 th ,5 th & 6 th month	6%
7 th & 8 th month	4%
9 & 10 th month	1%

Biological control of aquatic weeds:

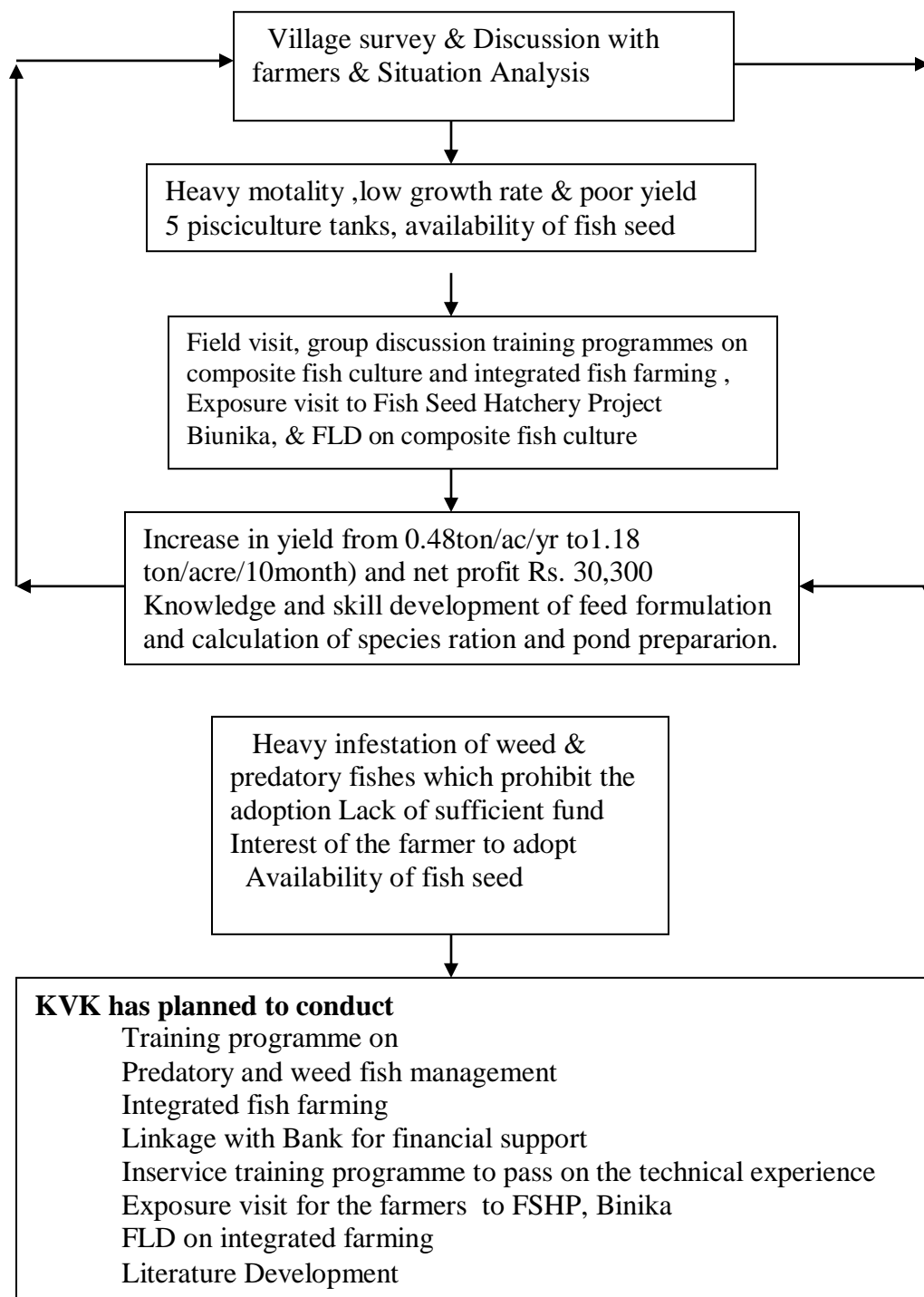
364 nos of grass carp was released per acre in the demonstrated pond to get ride of the aquatic vegetation

6. Adoption of the technology & benefit, to the farmers

After attending the training program and exposure visit Mr. Guru felt no hesitation to adopt the composite fish farming. And after the adoption of the new method he got a yield of 1.18 ton/Ac gross

income of Rs 53100/-, expenditure of Rs 22,800/- and net income of Rs 30,300/- within 10 months of the culture period and also a better survivability (75%) of fingerlings. With the involvement in the fish farming he is now skilled to stock fish fingerlings with proper stocking density and species ratio and also for the preparation of supplementary feed. Now he is actively involved in the technology dissemination by attending and discussing his success on Composite Fish Culture with the farmers in the training programs conducted by Krishi Vigyan Kendra, Sonapur.

7. Model of technology dissemination sequence of interventions, services, linkages



8. Farmers feed back and reaction

Sri Guru is extremely happy with his bumper harvest, better survivability (75%) and for the profit. With his success, now he is preparing to take a loan of lend money of Rs. 1 lakh from SBI, Sonapur to expand fish farming. With his success he is now more interested to do integrated fish farming. Other farmers are also interested to carry out the composite fish culture.

10 Extend of diffusion of new adopted technology / practice please indicate area expansion in details

After observing his modern pisciculture methods and getting the information about his financial benefit the farmers of the same village and also from the nearby village like Chasagotha, Arjunpur are keen to adopt composite fish culture. The expansion area in the nearby village is around 4 ha (Chasagotha, 1ha & Arjunpur, 3 ha).

11. Follow of action by kvk

KVK, Sonapur put the unit as model for the income generating activity for the unemployed youths and also to create awareness for the self-employment of unemployed youth. Regular monitoring of his day-to-day work and also regular discussion between the villagers and scientists on further improvement is going on. Krishi Vigyan Kendra Sonapur also keep in mind to put his unit in integrated farming model for better utilization of the available resources and also to disseminate his success activities to line departments as well as to the farmers of near by villages and of the adopted villages. KVK is also planning to conduct training programme on Predatory and weed fish management, Integrated fish farming, Linkage with Bank for financial support, Inservice training programme to pass on the technical experience, Exposure visit for the farmers to FSHP, Binika, FLD on integrated farming and for literature development.

3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used 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
1.	Paddy case worm	Glyricidia leaf extract 10Kg, Cow urine 20 lit, Chilli powder & garlic extract each 200 gm with 200 lit of water for 1 acre area	Use of low cost locally available eco- friendly resources for pest control.
2.	Paddy Gall Midge	Cow urine 12 litre+ lime 5 kg mixed & applied for 1 acre	Use of low cost locally available eco- friendly resources for pest control.
3.	Sesamum leaf webber	Cow urine 10 litre with 20 liter of water for 1 acre area	Use of locally easily available resources for pest control

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

- Identification of courses for farmers/farm women : PRA & group discussion,
- Rural Youth : PRA & group discussion
- Inservice personnel : PRA & group discussion

3.11 Field activities

- i. Number of villages adopted : 05
- ii. No. of farm families selected : 460
- iii. No. of survey/PRA conducted : 05

3.12. Activities of Soil and Water Testing Laboratory Not Existing

4.0 IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Mushroom cultivation	55	12	-	86/bed
Pumpkin and bottle gourd cultivation	30	22	22000/ha	32500/ha
Production and package on cereal crops	100	35	9060/ha	9475/ha
Improved agro techniques for pulses and oilseeds	120	32	9600/ha	10200/ha
Use of Nimin with urea in rice	100	48	9100/ha	10610/ha

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

Group discussion with the beneficiaries of the adopted villages and cross checking by the people of the adopted villages

5.0 LINKAGES

5.1 Functional linkage with different organizations

Sl. No.	Name of Organisation	Name of linkage
1	State Deptt. (Agriculture/Horticulture/Soil Conservation/Forestry/Fishery)	<ul style="list-style-type: none"> - Sponsored training programmes - Training of Extension Functionaries - Farmer scientists interaction - Input procurement - Joint diagnostic survey - conducting training programmes and demonstration - participation in meeting
2	Regional Plant Resource Centre, Bhubaneswar	- Input Procurement
3	CIFA, Bhubaneswar	<ul style="list-style-type: none"> - HRD - Input Procurement

4	CRRI, Cuttack	- Paddy Seeds Procurement - Collection of Informations
5	DRDA, Sonapur	- Information source - Member (SAC)
6	AIR, Bolangir	- Broadcasting Programme - Member (SAC)
7	NABARD	- Collaborative awareness
8	Local NGOs	- HRD for NGO functionaries - Input supply
9	News paper media	- Publication work
10	Asst. Seed certification office	- Certification of seed
11	D.D. K, Bhawanipatana	- Telecasting of Programme
12	A.T.M.A., Bolangir	- Technical support for publication of quarterly farm advisory service bulletin - Collaborative awareness
13.	A.T.M.A., Sonapur	- Collaborative awareness

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.)
Control of mango fruit fly by methyl eugenol trap	Aril/2007	CHES (ICAR), Bhubaneswar	Material supplied
Seed village scheme	July/2006	State Agriculture Dept.	31125/-
Organic farming	Dec/2006	National centre for organic farming .Gov. of India, Gaziabad	40000/-

5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district **Yes**

S. No.	Programme	Nature of linkage	Remarks
1.	Recently Established	Collaborative awareness	
2.	ATMA Bolangir	Technical support for publication of quarterly farm advisory service bulletin	

5.4 Give details of programmes implemented under National Horticultural Mission

S. No.	Programme	Nature of linkage	Constraints if any
1	Imparted skill oriented trainings to the beneficiaries selected under NHM	Technical Guidance	-

2.	Proposal submitted for imparting training , demonstration and infrastructural development	Financial and technical	Not yet sanctioned
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5.5 Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage	Remarks
1.	Submitted proposal for conducting training program	Financial and technical	In process

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1 Performance of demonstration units (other than instructional farm) **Not Existing**

6.2 Performance of instructional farm (Crops) including seed production

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty. (q)	Cost of inputs	Gross income	
Cereals									
Paddy	07.07.2007	Crop in field	2	Pratikshya	Seed	-	36000	-	Crop in field
	10.07.07	Crop in field	2	Swarna	Seed	-	36000	-	Crop in field
	12.07.07	Crop in field	2	Surendra	Seed	-	18000	-	Crop in field
Ragi	06.07.07	Crop in field	0.25	Bhairabi	Seed	-	2000	-	Crop in field
Pulses									
Greengram	13.11.06	15.02.07	0.03	N-selection	Seed	0.15	590	595	
Pea	10.11.06	05.03.07	0.05	Azad P1	Vegetable	0.15	160	180	
Oilseeds									
Toria	15.10.06	05.01.07	0.05	Parvati	Seed	0.23	780	782	
Sesamum	16.10.06	10.01.07	0.03	Uma	Seed	0.06	150	200	
Toria	11.10.07	Crop in field	0.25	Parvati	Seed	-	2300	-	Crop in field
Fibers									
Dhaincha	28.06.07	Crop in field	2.0		Seed	-	8000	-	Crop in field
Spices & Plantation crops									
Floriculture									
Marigold	11.10.06	15.11.06	-	Inca	Seedling	560 nos	2600	2800	
Sebati	11.10.06	17.11.06	-		Seedling	50 nos	230	250	
Fruits									
Vegetables									
Potato	3.11.06	28.01.07	0.05	KufriJyoti	Non Seed	4.25	2210	2300	
Others (specify)									

Sugarcane	12.10.06	Crop in field	0.24	CO-86032	Seed cane	-	8500	-	Crop in field
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6.4 Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.) Not Existing
Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.	Fish	Desi Magur	Non seed	57kg	Rs. 5000	3990	Net profit of Rs. 540/-
2.	Fish	Pang assius	Non seed	31kg		1550	

6.5 Utilization of hostel facilities Not Existing

7. FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
With Host Institute	SBI, OUAT, Campus Branch	Bhubaneswar	
With KVK	SBI, Sonepur	Sonepur	11404540083

7.2 Utilization of funds under FLD on Oilseed (In lakhs)

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2007
	Kharif 2006	Rabi 2006 -07	Kharif 2006	Rabi 2006-07	
Inputs	0.08750	0.08750	0.08750	0.08750	Nil
Extension activities	0.01250	0.01250	0.01250	0.01250	
TA/DA/POL etc.	0.01250	0.01250	0.01250	0.01250	
TOTAL	0.11250	0.11250	0.11250	0.11250	

7.3 Utilization of funds under FLD on Pulses (In In lakhs)

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2007
	Kharif 2006	Rabi 2006 -07	Kharif 2006	Rabi 2006-07	
Inputs	0.09190	0.09190	0.09190	0.09190	Nil
Extension activities	0.01315	0.01315	0.01315	0.01315	
TA/DA/POL etc.	0.01965	0.01965	0.01965	0.01965	
TOTAL	0.12470	0.12470	0.12470	0.12470	

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2007
	Kharif 2006	Rabi 2006 -07	Kharif 2006	Rabi 2006-07	
Inputs					
Extension activities					
TA/DA/POL etc.					

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

S. No.	Particulars	Sanctioned		Released		Expenditure	
		06-07	07-08	06-07	07-08	06-07	07-08
A. Recurring Contingencies							
1	Pay & Allowances	15000 00	20000 00	1538 581	7293 86	153858 1	729386
2	Traveling allowances	50000	63000	5000 0	1600 0	49932	15628
3	Contingencies						
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)		20000	4000	8000		37780
B	POL, repair of vehicles, tractor and equipments	50000	0	0	0	40000	9309
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)						36000
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)						10060
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)						20266
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	15000 0	24000 0	1500 00	9600 0	150000	10000 11670
G	Training of extension functionaries						
H	Maintenance of buildings	-	-	-	-	-	-
I	Establishment of Soil, Plant & Water Testing Laboratory	-	-	-	-	-	-
J	Library	-	-	-	-	-	-
TOTAL (A)		17500 00	25030 00	1778 581	9213 86	177851 3	880099
B. Non-Recurring Contingencies							
1	Works	1700 00	137000 0	170 000	-	170000	-
2.	Administrative building and tube well	1400 000	-	140 000	-	140000 0	-
3	Equipments including SWTL & Furniture	1500 00	-	150 000	-	150000	-
4	Fencing	7000 00	-	700 000	-	700000	-
5	Library (Purchase of assets like books & journals)	1000 0	-	100 00	-	10000	-
TOTAL (B)		243 000 0	137000 0	243 000 0	-	243000 0	-
C. REVOLVING FUND		-	-	-	-	-	-
GRAND TOTAL (A+B+C)		418 000	38730 00	420 858	9213 86	420851 3	88009 9

	0		1			
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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 2004 to March 2005	-	-	-	-
April 2005 to March 2006	-	-	-	-
April 2006 to March 2007	100000	5100	100000	5100

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

8.1 Constraints

- (a)Administrative Lack of senior technical officer and section officer & lack of infrastructural facility
- (b)Financial :Late release of fund
- (c)Technical : Insufficient staff

(Signature of Programme Coordinator)

Krishi Vigyan`Kendra sonapur

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