

# FORMAT 1- GENERAL, OFT & FLDS

**REPORTING PERIOD – 1<sup>st</sup> April, 2009 to 31<sup>st</sup> March, 2010**

## Summary of achievements during the reporting period

KVK Name	Activity	Target		Achievement	
		Number of activity	Number of farmers/ beneficiaries	Number of activity	Number of farmers/ beneficiaries
Sonepur	OFTs	8	37	6	29
Sonepur	FLDs – Oilseeds (activity in ha)	10	32	10	32
Sonepur	FLDs – Pulses (activity in ha)	10	20	10	20
Sonepur	FLDs – Cotton (activity in ha)	50	50	50	50
Sonepur	FLDs – Other than Oilseed and pulse crops(activity in ha)	16	76	16	76
Sonepur	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	65	35	65	35
Sonepur	Training-Farmers and farm women	35	875	35	875
Sonepur	Training-Rural youths	11	200	11	200
Sonepur	Training- Extension functionaries	5	50	5	50
Sonepur	Extension Activities	100	1250	110	1470
Sonepur	Seed Production (Number of activity as seeds in quintal)	152.4			
Sonepur	Planting material ((Number of activity as quantity of planting material in quintal)	100	75	156	100
Sonepur	Seedling Production (Number of activity as number of seedlings in numbers)	5000	25	10000	10
Sonepur	Sapling Production (Number of activity as number of sapling in numbers)	1000	25	1000	50
Sonepur	Other Bio- products	-	-	-	-
Sonepur	Live stock products	-	-	-	-
Sonepur	SAC Meeting (Date & no. of core/official members)	21.09.09	50	21.09.09	50
Sonepur	Newsletters (no.)	2	-	2	-
Sonepur	Publication (Research papers, popular article)	6	-	2	-
Sonepur	Convergence programmes / Sponsored programmes	1	50	1	50

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KVK Name	Activity	Target		Achievement	
		Number of activity	Number of farmers/beneficiaries	Number of activity	Number of farmers/beneficiaries
Sonepur	Outreach of KVK in the District (No. of blocks-5, no. of villages-26)	294	2321	302	2533

## 1. GENERAL INFORMATION

**1.1. DISTRICT PROFILE** (detail of geographical area, cultivation, Land, resources, opportunities, irrigation, populations etc.)–

**1.2. DETAILS OF ADOPTED VILLAGE** during the reporting period (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Sonepur	Panisiali	2005	Sonepur	10	489	55
Sonepur	Chasagotha	2005	Sonepur	15	214	30
Sonepur	Lokarma	2006	Sonepur	14	694	75
Sonepur	Ichhapur	2006	Ulunda	15	214	23
Sonepur	Arjunpur	2007	Sonepur	11	316	37

**1.3. THRUST AREAS** identified by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	THRUST AREA
Sonepur	Crop diversification
Sonepur	Reclamation of degraded land
Sonepur	Integrated Nutrient Management practices
Sonepur	Integrated Disease and Pest Management Practices
Sonepur	Quality seeds and seedlings production
Sonepur	Income generating activities for rural women/ School dropouts
Sonepur	Value addition in seasonal vegetables
Sonepur	Composite Pisciculture

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Sonepur	Integrated fish farming
Sonepur	Proper health management of domestic animals & birds
Sonepur	Market and production strategies
Sonepur	Recycling of farm wastes for vermicompost
Sonepur	Farm mechanization
Sonepur	Off season vegetable cultivation
Sonepur	Promotional of nutritional garden
Sonepur	Introduction of suitable varieties with improved packages of practices
Sonepur	Effective use of family labour through need based livelihood option

#### 1.4. PROBLEM IDENTIFIED by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	Problem identified	Methods of problem identification
Sonepur	Severe soil erosion in sloppy uplands	PRA, Field visit, Group discussion
Sonepur	Soil acidity - Poor knowledge about soil testing and soil health management	PRA, Group discussion, exploratory survey
Sonepur	Non availability of waste land management techniques	Group discussion, diagnostic field visit
Sonepur	Low and imbalance use of manures and fertilizers in all crops	PRA
Sonepur	Severe crop weed competition in Kharif upland crops	Response analysis, PRA, diagnostic field visit
Sonepur	Non availability of inputs (seed, fertilizer, pesticides) in time	Response analysis
Sonepur	Lack of storage facility for fruits and vegetables	Response analysis, Group discussion
Sonepur	Poor nutrient status and low water holding capacity of soil	PRA , Group discussion
Sonepur	Lack of irrigation facility during Rabi/Summer except Hirakud command area	Response analysis
Sonepur	Low availability and adoption of dry land farming technique	Group discussion, Response analysis
Sonepur	Inadequate knowledge about post harvest technology	Group discussion, Response analysis

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## 2. OFT (conducted during Rabi 2009-10)

### 2.1 Basic information of the Technology taken by the KVK

KVK name	Year	Season	Category of technology (Assessment / Refinement)	OFT on crop/ Enterprise	Title of OFT	OFT ID* (to be created by the KVK)	Name of Crop/ Enterprise	No of trials		Area (ha)		Status of the OFT (Completed/ Continued/ Result awaited)
								Targeted	Achieved	Targeted	Achieved	
Sonepur	2009	Kharif	Assessment	Crop	Assessment of medium land paddy variety Manaswini	Sonepur0910KCRP	Paddy	05	05	1.0	1.0	Completed
Sonepur	2009	Kharif	Assessment	Crop	Assessment of weedicide pretilachlor in paddy	Sonepur0910KCRP	Paddy	05	05	1.0	1.0	Completed
Sonepur	2009	Kharif	Assessment	Crop	Assessment of IPM against gall midge in paddy	Sonepur0910KPLP	Paddy	05	05	0.4	0.4	Completed
Sonepur	2009	Rabi	Assessment	Crop	Assessment of SRI with variety MTU-1001	Sonepur0910RCRP	Paddy	05	05	1.0	1.0	Completed
Sonepur	2009	Rabi	Assessment	Pisciculture	Assessment of yearlings in carp farming practices	Sonepur0910RFIS	Pisciculture	01	01	1.6	1.6	continued
Sonepur	2009	Rabi	Assessment	Crop	Assessment of IDM for leaf curl in tomato	Sonepur0910RPLP	Tomato	05	05	0.4	0.4	Completed

\* KVK+Year+Season+Discipline & Code

### 2.2 Details of Problems taken as OFT by the KVK

KVK name	OFT ID	Problem diagnose	Thematic area	Farmers' practice (T <sub>1</sub> )	Farming situation				Total Area of the district (in ha) affected by the problem	Name of the block(s) under KVK where the problem occurs
					Soil type	Irrigation	Type of Cultivation (Low land/ Mid land/ Up land)	Cropping system		
Sonepur	Sonepur0910KCRP	Low yield due to prevalence of degenerated and local variety of paddy	Varietal evaluation	Degenerated variety Lalat	Clay loam	Rainfed	Mid land	Paddy-pulse	28500	Sonepur, Ullunda, BMPur, Tarabha
Sonepur	Sonepur0910KCRP	High cost of cultivation due to hand weeding	Weed management	Hand weeding (once in 30 DAT)	Clay loam	Irrigated	Mid land	Paddy-paddy	25000	Sonepur, Ullunda, BMPur, Tarabha, Binika, Dunguripalli
Sonepur	Sonepur0910KPLP	Low yield due to severe gall	Integrated Pest	Application of granular	Clay loam	Irrigated	Mid land	Paddy-paddy	15500	Sonepur, Ullunda, BMPur, Tarabha, Binika,

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		midge incidence in paddy	management	pesticide						Dunguripalli
Sonepur	Sonepur0910RCRP	Low yield of Paddy due to traditional method of cultivation and high cost of irrigation	Integrated crop management	Traditional method of cultivation	Clay loam	Irrigated	Medium land	Paddy-paddy	18250	Binika, Dunguripalli, Sonepur & B.M. pur
Sonepur	Sonepur0910RFIS	Low yield, heavy mortality of fish spawn and improper utilization of seasonal ponds	Stocking of yearlings	Stocking of fish spawn	Clay loam	Rainfed	Low land	Paddy-paddy	34	Sonepur, Tarabha, BMPur, Binika
Sonepur	Sonepur0910RPLP	Low yield of tomato due to high incidence of leaf curl disease	Integrated disease management	Indiscriminate spraying of pesticides	Clay loam	irrigated	upland	Paddy-vegetable	400	Ullunda, Sonepur, BMPur, Tarabha

### 2.3 Details of solution taken for technology assessment/refinement by the KVK

KVK Name	OFT ID No	Details of technology selected (T <sub>2</sub> )	Source of technology	Year of release of technology	If refinement in the technology, give details of refinement over recommended practices (T <sub>3</sub> )
Sonepur	Sonepur0910KCRP	Cultivation of paddy variety Manaswini	OUAT	2007	-
Sonepur	Sonepur0910KCRP	Spraying of Pretilachlor @ 1 lit a.i./ha 3-4 DAT + one hand weeding at 30 DAT	OUAT	2004	-
Sonepur	Sonepur0910KPLP	Paddy nursery treatment with Fipronil @ 500 g/10 decimal+ Soil application of Neem cake @ 2.5 q/ha + Spraying with triazophos at max. tillering stage	OUAT	2007	-
Sonepur	Sonepur0910RCRP	SRI method of rice cultivation by using certified seed of variety MTU-1001	ANGARAU, AP	2006-07	-
Sonepur	Sonepur0910RFIS	Stocking of yearlings @ 1600 no.s/acre with stocking ratio C:R:M:CC::4:2:2:2	CIFA ,Bhubaneswar	2007-08	-

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Sonepur	Sonepur0910RPLP	IDM approach (Seed soaking with Imidacloprid + Spraying of neem based pesticides and Imidacloprid @ 1ml/ 4 litre alternatively + Fixing of Sticky Yellow trap +Uprooting of affected plants/parts)	Ouat	2006-07	-
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## 2.4 Performance of the technology for assessment/refinement

### A. Production

KVK Name	OFT ID	Main Products				Bye- Product			
		Unit of measurement	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Unit of measurement	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
Sonepur	Sonepur0910KCRP	Qnt/ha	32.2	35.7	-	Qnt/ha	34.8	37.5	-
Sonepur	Sonepur0910KCRP	Qnt/ha	38.6	40.8	-	Qnt/ha	40.4	42.8	-
Sonepur	Sonepur0910KPLP	Qnt/ha	34.6	39.2	-	Qnt/ha	36.2	42.4	-
Sonepur	Sonepur0910RCRP	Qnt/ha	45	64.12	-	Qnt/ha	42.2	59.8	-
Sonepur	Sonepur0910RFIS	Ton/acre	-	-	-	-	-	-	-
Sonepur	Sonepur0910RPLP	Qnt/ha	170	225	-	-	-	-	-

### B. Parameters

KVK Name	OFT ID	Observations taken on parameter I					Observations taken on parameter II				
		Parameter name	Unit of measurement	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Parameter name	Unit of measurement	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
Sonepur	Sonepur0910KCRP	Tillers	No/hill	7.3	8.9	-	Plant population	No/m <sup>2</sup>	291	302	-
Sonepur	Sonepur0910KCRP	Weed population	No/ m <sup>2</sup>	12.8	2.8	-	-	-	-	-	-
Sonepur	Sonepur0910KPLP	Silver shoot	No/hill	1.4	0.3	-	-	-	-	-	-
Sonepur	Sonepur0910RCRP	Tiller	No/hill	8	24	-	Plant population	Number	316	398	-
Sonepur	Sonepur0910RFIS	Production	Ton/acre	-	-	-	SGR	Ratio	-	-	-
Sonepur	Sonepur0910RPLP	Affected plant	%	24.8	5.6	-	Thrips/ plant	Number	5.2	0.84	-

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## C. Economic Performance

KVK name	OFT ID	Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
Sonepur	Sonepur0910KCRP	14800	15250	-	30590	33915	-	15790	18665	-	2.06	2.22	-
Sonepur	Sonepur0910KCRP	15850	15175	-	36670	38760	-	20820	23585	-	2.31	2.55	-
Sonepur	Sonepur0910KPLP	15400	15550	-	32870	37240	-	17470	21690	-	2.13	2.39	-
Sonepur	Sonepur0910KCRP	17325	17150	-	40500	57708	-	23175	40558	-	2.33	3.36	-
Sonepur	Sonepur0910KCRP	-	-	-	-	-	-	-	-	-	-	-	-
Sonepur	Sonepur0910KPLP	45500	47350	-	85000	112500	-	39500	65150	-	1.87	2.38	-

## 2.5 Recommendations/message form assessed/refined technology

KVK Name	OFT ID No	Final recommendation for micro level situation	Constraints identified and feedback for research	Process of farmers participation and their reaction	Farmers feed back	Process for sensitization of the line departments for replacement of the technology			
						Workshop/ meetings	Trainings	Visits	Publications
Sonepur	Sonepur0910KCRP	Cultivation of paddy variety Manaswini	-	Training, demonstration, field visit, method demonstration		01	01	02	01
Sonepur	Sonepur0910KCRP	Spraying of Pretilachlor @ 1 lit a.i./ha 3-4 DAT + one hand weeding at 30 DAT	Less effective for control of <i>Cyperus iria</i>	Training, demonstration, field visit, method demonstration	More economical and time saving than manual weeding	01	--	02	--
Sonepur	Sonepur0910KPLP	Paddy nursery treatment with Fipronil @ 500 g/10 decimal+ Soil application of Neem cake @ 2.5 q/ha +	-	Training, demonstration, field visit, method demonstration	Neem cake should be available in market	02	01	03	--

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		Spraying with Triazophos at max. tillering stage																
Sonepur	Sonepur0910RCRP	Adoption of SRI method of rice cultivation in irrigated medium land is profitable than conventional practice.	Weeding by means of cone weeder takes much time and very much labourious.	Training, demonstration, field visit, method demonstration	-	02	02	08	-									
Sonepur	Sonepur0910RFIS	-	-	Training, demonstration, field visit, method demonstration, group discussion	-	02	02	06	-									
Sonepur	Sonepur0910RPLP	Sowing of imidacloprid treated seed for management of sucking pest, spraying to manage sucking pest and uprooting of affected plants	Disease resistant/ tolerant OP varieties should be developed	PRA, group discussion, method demonstration, training, field visit	Non availability of suitable seed treating chemicals and difficult to identify pests at appropriate time of infestation	02	01	08	-									

## 2.6 Farmer-wise performance of the technology for assessment/refinement

KVK Name	OFT ID No	Farmers' name	Main Product (kg/ha)			By-Product (kg/ha)			Observations on Other Parameter					Observations on other Parameter				
			T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>
Sonepur	Sonepur0910KCRP	Bishikeshan Bagh	33.1	36.8	-	34.4	39.4	-	Tillers	No/hill	7.5	9.1	-	Plant population	No/m <sup>2</sup>	288	304	-
Sonepur	Sonepur0910KCRP	Dushasan Bagarti	32.5	34.6	-	35.8	38.7	-	Tillers	No/hill	7.2	8.8	-	Plant population	No/m <sup>2</sup>	285	301	-
Sonepur	Sonepur0910KCRP	Santosh K. Bagarti	31.4	35.3	-	34.4	37.9	-	Tillers	No/hill	7.4	8.6	-	Plant population	No/m <sup>2</sup>	296	297	-
Sonepur	Sonepur0910KCRP	Bali Bagh	31.7	36.1	-	33.8	39.2	-	Tillers	No/hill	7.1	9.2	-	Plant population	No/m <sup>2</sup>	292	303	-
Sonepur	Sonepur0910KCRP	Makarand Sankhua	32.3	35.7	-	35.6	37.3	-	Tillers	No/hill	7.3	8.8	-	Plant population	No/m <sup>2</sup>	294	305	-
Sonepur	Sonepur0910KCRP	Raghunath	39.6	41.5	-	42.1	43.1	-	Weed	No/ m <sup>2</sup>	11.4	2.8	-	-	-	-	-	-

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		Padhan							population									
Sonepur	Sonepur0910KCRP	Suresh Padhan	37.6	41.7		39.6	43.2	-	Weed population	No/ m <sup>2</sup>	13.5	2.5	-	-	-	-	-	-
Sonepur	Sonepur0910KCRP	Bibhuti Padhan	38.4	39.5		39.5	41.5	-	Weed population	No/ m <sup>2</sup>	13.4	3.2	-	-	-	-	-	-
Sonepur	Sonepur0910KCRP	Raturaj Padhan	40.1	41.2		42.1	43.4	-	Weed population	No/ m <sup>2</sup>	11.5	2.3	-	-	-	-	-	-
Sonepur	Sonepur0910KCRP	Tulasa Padhan	37.3	40.1		38.7	42.8	-	Weed population	No/ m <sup>2</sup>	14.2	3.1	-	-	-	-	-	-
Sonepur	Sonepur0910KPLP	Brundaban Naik	33.5	42.1		35.1	43.1	-	Silver shoot	No/hill	1.4	0.1	-	-	-	-	-	-
Sonepur	Sonepur0910KPLP	Satrugna Deheri	35.6	38.4		36.1	43.2	-	Silver shoot	No/hill	1.1	0.3	-	-	-	-	-	-
Sonepur	Sonepur0910KPLP	Gopal Naik	36.2	38.2		38.5	41.5	-	Silver shoot	No/hill	0.9	0.4	-	-	-	-	-	-
Sonepur	Sonepur0910KPLP	Manoranjan Rath	34.5	40.1		36.5	43.4	-	Silver shoot	No/hill	1.6	0.2	-	-	-	-	-	-
Sonepur	Sonepur0910KPLP	Prahallad Mahakur	33.2	37.2		34.8	42.8	-	Silver shoot	No/hill	2	0.5	-	-	-	-	-	-
Sonepur	Sonepur0910RCRP	Suravi Bagh	44	66	-	42.2	59.5	-	Tillers/hill	Number	07	26	-	Plant population/ sq. m.	Number	316	410	-
Sonepur	Sonepur0910RCRP	Chapadhari Naik	46	64	-	43	58	-	Tillers/hill	Number	07	20	-	Plant population/ sq. m.	Number	304	405	-
Sonepur	Sonepur0910RCRP	S.N Bagh	43.3	61	-	41.2	61	-	Tillers/hill	Number	08	29	-	Plant population/ sq. m.	Number	320	400	-
Sonepur	Sonepur0910RCRP	Jakta Mahakud	45	64.3	-	41.4	62	-	Tillers/hill	Number	10	18	-	Plant population/ sq. m.	Number	315	386	-
Sonepur	Sonepur0910RCRP	Baisakhu Naik	46.7	65.3	-	43.2	58.5	-	Tillers/hill	Number	08	27	-	Plant population/ sq. m.	Number	325	389	-
Sonepur	Sonepur0910RFIS	Jayadev Amat	-	-	-	-	-	-	Survibility	%	-	-	-	SGR	Ratio	-	-	-
Sonepur	Sonepur0910RFIS	Makardhawaj Padhan	-	-	-	-	-	-	Survibility	%	-	-	-	SGR	Ratio	-	-	-
Sonepur	Sonepur0910RFIS	Asis Ku. Mallik	-	-	-	-	-	-	Survibility	%	-	-	-	SGR	Ratio	-	-	-
Sonepur	Sonepur0910RFIS	Makunda Deheri	-	-	-	-	-	-	Survibility	%	-	-	-	SGR	Ratio	-	-	-
Sonepur	Sonepur0910RPLP	Sudam Jal	16500	23100	-	-	-	-	Affected	%	27.4	5.8	-	Thrips/	Number	6.2	0.88	-

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									plant					plant				
Sonepur	Sonepur0910RPLP	Surya Khandayat	17300	23800	-	-	-	-	Affected plant	%	25.4	5.6	-	Thrips/ plant	Number	5.6	1.02	-
Sonepur	Sonepur0910RPLP	Bhikari Behera	18000	21600	-	-	-	-	Affected plant	%	23.8	7.2	-	Thrips/ plant	Number	5.8	0.88	-
Sonepur	Sonepur0910RPLP	Harekrushna Pudha	16700	22600	-	-	-	-	Affected plant	%	22.8	4.6	-	Thrips/ plant	Number	4.2	0.62	-
Sonepur	Sonepur0910RPLP	Bibeka Naik	17500	21400	-	-	-	-	Affected plant	%	24.6	4.8	-	Thrips/ plant	Number	5.2	0.82	-

### 3. Achievements of Frontline Demonstrations (conducted during 1-04-2009 to 31-03-2010)

*(On the basis of Soil Test based fertilizer application for Acceptability of your results)*

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

List of technologies demonstrated and popularized during previous years and recommended for large scale adoption in the district

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Sonepur	Pisciculture	Small scale Income Generating practices	Composite pisciculture with proper stocking density and stocking ratio as per the area and depth of the pond	Need assessment- Problem identification-Demonstration on critical inputs- monitoring and supervision- Field day- feed back of farmers	4	16	4.2
Sonepur	Sugar cane	Integrated Crop Management	Introduction of elite high yielding sugarcane variety Co-86032 (Nayana) having better yield potential and sugar recovery	Need assessment- Problem identification-Demonstration on critical inputs- monitoring and supervision- Field day- feed back of farmers	6	24	35
Sonepur	Paddy	Integrated Crop Management	Introduction of OUAT variety (Pratikhya) which is tolerant to major diseases with a high yield potential	Need assessment- Problem identification-Demonstration on critical inputs- monitoring and supervision- Field day- feed back of farmers	225	950	450
Sonepur	Scented Paddy	Integrated Crop Management	Introduction of scented variety Pusa sugandha with full package of practices which is tolerant to lodging and having good aroma.	Need assessment- Problem identification-Demonstration on critical inputs- monitoring and supervision- Field day- feed back of farmers	12	45	34

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Sonepur	Rice	Integrated Pest Management	IPM of Stem borer in rice (Use of pheromones traps, bio agents & pesticides)	Need assessment- Problem identification-Demonstration on critical inputs- monitoring and supervision- Field day- feed back of farmers	30	75	85
Sonepur	Turmeric	Integrated Crop Management	Planting of improved variety of turmeric	Need assessment- Problem identification-Demonstration on critical inputs- monitoring and supervision- Field day- feed back of farmers	6	24	15
Sonepur	Pumpkin	Integrated Crop Management	Introduction of high yielding varieties with full package of practices for cucurbitaceous vegetables	Need assessment- Problem identification-Demonstration on critical inputs- monitoring and supervision- Field day- feed back of farmers	8	28	12
Sonepur	Tomato	Integrated Crop Management	Introduction of high yielding variety of tomato with recommended package of practice	Need assessment- Problem identification-Demonstration on critical inputs- monitoring and supervision- Field day- feed back of farmers	4	15	4
Sonepur	Vegetables	Integrated Crop Management	Growing desired variety of vegetables round the year under household situation	Need assessment- Problem identification-Demonstration on critical inputs- monitoring and supervision- Field day- feed back of farmers	6	42	10
Sonepur	Brinjal	Integrated Pest Management	Neem cake @ 2.5 qtl/ha after 20-30 days of transplanting Collection and destruction of infested shoots and fruits Pheromone trap @ 20/ha Two application of neem pesticide @ 2 ltr/ha (at 15 days interval) Use of Btk@ 1 kg./ha. Need based application of carbaryl@ 1.5 kg/ha.	Need assessment- Problem identification-Demonstration on critical inputs- monitoring and supervision- Field day- feed back of farmers	8	32	8

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### 3.2 Details of FLDs implemented

KVK Name	Type (Crop/Enterprise)	Name of Crop/Enterprise	Category of crops*	Category of Enterprise**	Season and year	Thematic area	Area (ha) in case of crop	No. of Units, in case of Enterprise	Size of Unit in case of Enterprise	No. of farmers				
										SC	ST	OBC	Others	Total
Sonepur	Crop	Paddy	Cereal	-	Kharif, 2009	Varietal evaluation	2.0	-	-	8	-	-	2	10
Sonepur	Crop	Paddy	Cereal	-	Kharif, 2009	IDM	2.0	-	-	1	-	-	9	10
Sonepur	Crop	Wheat	Cereal	-	Rabi, 2009-10	ICM	04	-	-	3	-	7	-	10
Sonepur	Crop	Paddy	Cereal	-	Rabi, 2009-10	INM	04	-	-	6	-	4	-	10
Sonepur	Enterprise	Vermin-composting	-	Vermin-composting	Rabi, 2009-10	Small scale Income Generating Enterprise	-	10	cemented tank of 8 ft *6 ft Size	2	-	8	-	10
Sonepur	Enterprise	Oyster Mushroom	-	Oyster Mushroom	Rabi, 2009-10	Small scale Income Generating Enterprise	-	30	-	-	-	10	-	10
Sonepur	Enterprise	Pisciculture	-	Fishery	Rabi, 2009-10	Improper stocking practices	1.6	04	-	1	-	-	3	4
Sonepur	Enterprise	Pisciculture	-	Fishery	Rabi, 2009-10	Poor growth	1.6	04	-	-	1	1	2	4
Sonepur	Enterprise	Pisciculture	-	Fishery	Rabi, 2009-10	Improper utilization of pond carrying capacity	1.6	04	-	-	1	-	3	4
Sonepur	Enterprise	Poultry	-	Livestock	Rabi, 2009-10	Small scale Income Generating Enterprise	-	20	-	5	2	6	7	20
Sonepur	Crop	Brinjal	Vegetable	-	Rabi,2009-10	Integrated Pest Management	0.4	-	-	7	-	3	-	10
Sonepur	Crop	Cabbage	Vegetable	-	Rabi, 2009-10	Integrated Pest Management	0.4	-	-	5	-	2	3	10
Sonepur	Crop	Pumpkin	Vegetable	-	Rabi, 2009-10	Integrated Pest Management	0.4	-	-	2	2	3	3	10
Sonepur	Enterprise	Storage	Cereal	Farm implement	Rabi, 2009-10	Farm machineries	-	5	-	-	-	2	3	5

\* Cereal/Oilseed/Pulse/Vegetable/Fruit/Flower/Spice/Medicinal&Aromatic/Fibre/Plantation/Fodder/

\*\* Farm Implements/ Livestock Enterprises (Dairy/Buffalo/Goatery/Poultry etc.)/Mushroom/Apiary/Sericulture/Vermi-composting/Lac production etc.

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### 3.3 Details of farming situation

KVK Name	Name of Crop/Enterprise	Farming situation (Rainfed/Irrigated)	Soil type	Type of Cultivation (Low land/Mid land/Up land)	Cropping system	Previous crops	Status of soil (kg/ha)			Sowing Time	Harvest date	Seasonal rainfall (mm)	No. of rainy days	Status of the FLD (Completed/Continued/Result awaited)
							N	P	K					
Sonepur	Paddy	Rainfed	Clay loam	Up land	Paddy-pulse	Green gram	Low	Low	Medium	June III week	October I week	1486.6	45.3	Completed
Sonepur	Paddy	Irrigated	Clay loam	Medium land	Paddy-paddy	Paddy	Medium	Medium	Medium	June IV week	December I week	1486.6	45.3	Completed
Sonepur	Wheat	Irrigated	Sandy loam	Medium land	Paddy-wheat	Paddy	Low	Low	Medium	December I week	March	-	-	Completed
Sonepur	Paddy	Irrigated	Clay-loam	Medium land	Paddy-paddy	Paddy	Medium	Medium	Medium	January II week	May IV Week	Nil	Nil	Completed
Sonepur	Vermin-composting	-	-	-	-	-	-	-	-	March III week	May IV Week	-	-	Completed
Sonepur	Oyster Mushroom cultivation	-	-	-	-	-	-	-	-	December IV week	January III week	-	-	Completed
Sonepur	Pisciculture	Rainfed	Clay-loam	Low land	Paddy-paddy	Pisciculture	Low	Low	Medium	October I week	June I week	-	-	Continued
Sonepur	Pisciculture	Rainfed	Clay-loam	Low land	Paddy-paddy	Pisciculture	Low	Low	Medium	October II week	July II week	-	-	Continued
Sonepur	Pisciculture	Rainfed	Clay-loam	Low land	Paddy-paddy	Pisciculture	Low	Low	Medium	November I week	August I week	-	-	Continued
Sonepur	Poultry	-	-	-	-	-	-	-	-	February II week	August III week	-	-	Continued
Sonepur	Brinjal	Irrigated	Clay-loam	Mid land	Paddy-vegetable	Paddy	Medium	Medium	Medium	January I week	April I week	-	-	Completed
Sonepur	Cabbage	Irrigated	Clay-loam	Mid land	Paddy-vegetable	Paddy	Medium	Medium	Medium	December II week	February III week	-	-	Completed
Sonepur	Pumpkin	Irrigated	Clay-loam	Mid land	Paddy-vegetable	Paddy	Medium	Medium	Medium	February I	March last week	-	-	Completed
Sonepur	Farm implement	-	-	-	-	-	-	-	-	-	-	-	-	Continued

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### 3.4 Details of Technology demonstrated

KVK Name	Name of Crop/Enterprise	Problem Identified	Detail of Farmers practice (Local Check)	Name of Technology	Detail of the technology demonstrated	Source and year of technology released	Thematic Area	Name of Variety Used	Characteristic of the variety	Source of variety and year of release	Whether assessed under OFT or not
Sonepur	Paddy	Low yield due to use of degenerated variety	Degenerated variety of Khandagiri	Cultivation of high yielding Udayagiri variety	Var. Udayagiri + Soil test based fertilizer application	OUAT, 2005	Varietal evaluation	Udayagiri	Medium bold grains having red colored kernels, suitable for direct sowing and transplanting in upland condition	OUAT, 2005	Not
Sonepur	Paddy	Low yield in paddy due to severe incidence of Blast in swarna variety	Indiscriminate spraying of fungicide	Management of Blast in paddy	Seed treatment with streptomycin@ 1.5 g/10 ltr for 10-12 hrs+ spraying COC@ 3g/l water	OUAT, 2005	IDM	Swarna	-	-	Assessed
Sonepur	Wheat	Low yield due to degenerated variety and imbalanced nutrition	Own degenerated seed & imbalanced fertilization	Use of high yielding variety & balanced fertilization	Var.Sonalika RDF =80:40:40 ,N:P:K Kg/ha + FYM 5t/ha	OUAT,2005	ICM	Sonalika	Suitable for short winter,low irrigation condition, Yield potential-38 q/ha	OUAT	Not
Sonepur	Paddy	Low yield due to imbalanced nutrition	Application of Urea @ 90 Kg/ha ,DAP 80 Kg/ha only	Nutrient management from inorganic & organic sources like	Chemical fertilization N:P:k::60:30:30 ,FYM @ 2 t/ha and	OUAT,2008	INM	Lalat	Medium long ,white kernel seed of 130 days duration ,suitable for	OUAT	Not

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				FYM +Biofertilization	Azospirillum and PSB @ 5 Kg/ha				Rabi season		
Sonepur	Vermi-compost	Underutilization of farm waste	New introduction	Vermin-composting	Vermin-composting from farm waste by using E.foetida	OUAT,2009	Small scale income generating enterprise	<i>E. foetida</i>	-	OUAT	Not
Sonepur	Oyster mushroom cultivation	Wastage of straw	New introduction	Oyster mushroom cultivation	Oyster mushroom cultivation	OUAT,04	Small scale income generating enterprise	<i>P. sajorcaju</i>	-	OUAT	Not
Sonepur	pisciculture	Improper utilization of pond carrying capacity	Not existing practices for utilization of pond and pond bondh area.	Integrated fish farming	8000 no.s of fish fingerlings/ha	OUAT,06	Proper utilization of pond carrying capacity	Fish fingerlings(> 81mm)	Fish fingerlings(> 81mm) of catla,rohu,mrigala,common carp	OUAT	Not
Sonepur	pisciculture	Poor growth and low yield	Feeding practices with local available feed ingredients(rice bran,groundnut oil cake)	Demonstration on pellet feed	Pellet feed @ 75 Kg/farmer/acre	CIFA,07	Feeding management	Pellet feed	Pellet feed	CIFA,07	Yes
Sonepur	pisciculture	No existing Pond based fish cum duck farming	Pond based farming	Demonstration on fish –duck farming	20 no.s of 3 month old ducklins/farmer/acre	CIFA,07	Resource management	Khaki Campbell	Khaki Campbell 3 months old	CIFA,07	not
Sonepur	Poultry	No additional income	Backyard poultry farming	Demonstration on rearing of poultry birds in backyard	10 no.s of 21 days cheek /farmer/acre	OUAT,06	Backyard poultry farming	Banaraja	Banaraja cheeks of 21 days old	OUAT,06	not
Sonepur	Brinjal	Severe fruit and shoot borer incidence causes low yield	Indiscriminate spraying of pesticides	IPM of fruit and shoot borer in brinjal	Neem cake @ 1 qnt /acre, destruction of affected shoot, use of 8- 10 no pheromone traps/ acre Spraying of neem pesticide	OUAT(2006)	Integrated Pest Management	Pusa purple long	Early fruiting, ready for picking in 100-110 days, slender, shining, purple, avg. yield-275q/ha	IARI	Yes
Sonepur	Cabbage	Severe incidence	Indiscriminate	IPM for	Spraying of	OUAT(2006)	Integrated	Golden acre	Early variety,	IARI	Yes

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		of <i>Spodoptera litura</i> affects yield and marketability	spraying of pesticides at 6-7 days interval	cabbage borer	neem pesticide, Endosulfan, installation of traps		Pest Management		heads uniform, short stem,		
Sonepur	Pumpkin	Fruit fly affects the fruits in early stages as well as during development of fruits causes severe fruit dropping	Spraying of pesticide over fruit and foliage	Integrated Management of fruit fly in pumpkin	10 ltr water+ 30 ml malathion + 1 kg jaggery thoroughly mixed and applied at 10 days intervalas bait & 50 g jaggery + 30 ml malathion as foliar spray, removal and destruction of affected fruits	OUAT(2005)	Integrated Pest Management	Baidyabati	Medium size fruit, resistant to YMV, good keeping quality	--	Not
Sonepur	Farm implement	Loss of food grains due to improper storage	Storage in bamboo structures, gunny bag	Use of metal storage bin for food grain to prevent insect pest infestation	Metal storage bin structure to provide protection	CAIE, Bhopal (2006)	Farm machineries	Metal bin storage structure	-	-	Not

### 3.5 Performance of FLD

#### A. Production

KVK Name	Name of Crop/Enterprise	Thematic Area	Variety	No. of Farmers	Area (ha)	Production (q/ha)				Increase in yield (%)
						Demonstration			Local Check	
						Maxi	Min	Average		
1	2	3	4	5	6	7	8	9	10	11
Sonepur	Paddy	Varietal evaluation	Udayagiri	10	2.0	29.4	24.5	27.3	23.4	16.6
Sonepur	Paddy	IDM	Swarna	10	2.0	41.2	38.6	39.6	34.8	13.8
Sonepur	Wheat	ICM	Sonlika	10	04	23	14	18.0	13.5	33.33
Sonepur	Paddy	INM	Lalat	10	04	45.6	40.2	43.8	35.6	23.03
Sonepur	Vermicompost(q/unit/two month)	Small scale income generating enterprise	E.foetida	10	10	0.9	0.5	0.7	-	-

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Sonepur	Oyster Mushroom	Small scale income generating enterprise	p.sajorcaju	10	30	1.8	1.2	1.5	-	-
Sonepur	Pisciculture	Proper utilization of pond carrying capacity	Fish fingerlings (>81mm)	04	1.6	-	-	-	20	-
Sonepur	Pisciculture	Feeding management	Pellet feed	04	1.6	-	-	-	17.5	-
Sonepur	Pisciculture	Resource management	Khaki Campbell	04	1.6	-	-	-	-	-
Sonepur	Poultry	Backyard poultry farming	Banaraja	20	-	-	-	-	900	-
Sonepur	Brinjal	IPM	Pusa purple long	10	0.4	232	212	223.3	176.1	26.80
Sonepur	Cabbage	IPM	Golden acre	10	0.4	242	219	231.7	184.7	25.45
Sonepur	Pumpkin	IPM	Baidyabati	10	0.4	225	194	210	149.8	40.19
Sonepur	Farm implement	Farm machineries	Storage bin	5	-	-	-	-	-	-

## B. Other Parameters (continuation of previous table)

KVK Name	Name of Crop/Enterprise	Data on parameter in relation to technology demonstrated				Data on parameter in relation to technology demonstrated				Data on parameter in relation to technology demonstrated			
		Name of parameter	Unit	Demo	Local Check	Name of parameter	Unit	Demo	Local Check	Name of parameter	Unit	Demo	Local Check
		12	13	14	15	16	17	18	19	20	21	22	23
Sonepur	Paddy	Plant population	No/m <sup>2</sup>	285	269	-	-	-	-	-	-	-	-
sonepur	Paddy	Affected plant	%	3.63	12.35	-	-	-	-	-	-	-	-
Sonepur	Wheat	Effective fillers/running meter	Number	48	39	1000 grain weight	g	38.4	38.1	-	-	-	-
Sonepur	Paddy	No.of tillers per M <sup>2</sup>	Number	392	330	-	-	-	-	-	-	-	-
Sonepur	Vermicomposting	Vermiworm Production	kg/unit/ month	1.8	-	-	-	-	-	-	-	-	-
Sonepur	Oyster Mushroom cultivation	B:C	Ratio	2.5	1.5	-	-	-	-	-	-	-	-
Sonepur	pisciculture	Survibility	%	-	-	Production	Ton/acre	-	64	B:C	Ratio	-	1.13
Sonepur	pisciculture	FCR	%	-	-	SGR(specific growth rate)	Ratio	-	-	B:C	Ratio	-	-
Sonepur	pisciculture	Survibility	%	-	64	SGR(specific growth	Ratio	-	1.0	B:C	Ratio	-	1.21

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						rate)							
Sonepur	Poultry	Survivibility	%	-		Growth	kg/bird/ 6month	-	0.8	B:C	Ratio	-	-
Sonepur	Brinjal	Damaged shoot	%	6.24	12.20	Damaged fruit	%	14.88	22.64	-	-	-	-
Sonepur	Cabbage	Damaged head	%	8.56	16.22	Population /plant	No	0.68	1.12	-	-	-	-
Sonepur	Pumpkin	Damaged big fruit	%	4.82	14.28	Damaged small fruit	%	8.74	23.41	-	-	-	-
Sonepur	Farm implement	Damaged grain	%	-	-	-	-	-	-	-	-	-	-

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

KVK Name	Name of Crop/Enterprise	Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
		Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check
		24	25	26	27	28	29	30	31
Sonepur	Paddy	13950	13320	24570	21060	10620	7740	1.76	1.58
Sonepur	Paddy	15300	15550	37620	33060	22320	17510	2.46	2.12
Sonepur	Wheat	11225	8785	21600	16200	10,475	7415	1.94	1.84
Sonepur	Paddy	17550	16875	39420	32040	21870	15165	2.24	1.89
Sonepur	Vermin-compost(Recurring)	600	-	1070	-	470	-	1.78	-
Sonepur	Oyster mushroom cultivation	30	-	75	-	45	-	2.5	-
Sonepur	Pisciculture	41125	32550	-	54925	-	22375	-	1.68
Sonepur	Pisciculture	68470	-	-	-	-	-	-	-
Sonepur	Pisciculture	54300	30780	-	52326	-	21546	-	1.7
Sonepur	Poultry	-	-	-	-	-	-	-	-
Sonepur	Brinjal	52600	55750	111650	88050	59050	32300	2.12	1.58
Sonepur	Cabbage	39500	40450	115850	92350	76350	51900	2.93	2.28
Sonepur	Pumpkin	31650	28750	63000	44940	31350	16190	1.99	1.56
Sonepur	Farm implement	-	-	-	-	-	-	-	-

### 3.6 Analytical Review of component demonstrations

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KVK Name	Crop	Season	Type of Demo (Full Package/ Component)	Components provided by KVK	Components provided by Farmers	Farming situation	Average yield under demonstration(q/ha)	Average yield under Local check (q/ha)	Percentage increase in productivity over local check
Sonepur	Paddy	Kharif, 2009	Component	Seed	FYM, fertilizer	Rainfed	27.3	23.4	16.6
Sonepur	Paddy	Kharif, 2009	Component	Streptomycin, Copper Oxychloride	FYM, Fertilizer, other pesticides	Irrigated	39.6	34.8	13.8
Sonepur	Wheat	Rabi, 2009-10	Component (Certified Seed & Fertilizers)	Fertilizer & seed	FYM, pesticide	Irrigated	18.0	13.5	33.33
Sonepur	Paddy	Rabi, 2009-10	INM	Fertilizers,Bio-fertilizers	FYM, pesticides	Irrigated	43.8	35.6	23.03
Sonepur	Vermi –compost ( q/ unit/ 2 month)	Rabi, 2009-10	Vermi-composting	Earthworm	FYM & Biodegradable feeds for earthworm	-	0.7	-	-
Sonepur	Oyster mushroom	Rabi, 2009-10	Oyster Mushroom cultivation	Oyster mushroom spawn bottles, polythene bag & Bengal gram flour	Straw	-	1.5	-	-
Sonepur	Pisciculture	Rabi, 2009-10	Component (fish fingerlings > 81 mm)	Fish fingerlings > 81 mm	Seeds of seasonal vegetables , organic and inorganic fertilizer (cowdung, urea, dap)	Rainfed	-	20	-
Sonepur	Pisciculture	Rabi, 2009-10	Component (pelleted feed)	Pelleted feed	Fingerlings, organic and inorganic fertilizer (cowdung, urea, dap)	Rainfed	-	-	-
Sonepur	Pisciculture	Rabi, 2009-10	Component (ducklings )	ducklings of 03 month old old	Fingerlings, duck feed ,organic and inorganic fertilizer (cowdung, urea, dap)	Rainfed	-	-	-

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Sonepur	Poultry	Kharif-10-11	Component banaraja cheeks	Banaraja cheeks of 21 days old	Feed	-	-	-	-
Sonepur	Brinjal	Rabi, 2009-10	Component	Neem cake, neem pesticide, cartap hydrochloride, trap lure	Seed, seedlings, fertilizer,	Irrigated	223.3	176.1	26.80
Sonepur	Cabbage	Rabi, 2009-10	Component	Neem pesticide, Endosulfan, Bt, Fipronil, trap, lure	Seed, seedling, FYM, fertilizer,	Irrigated	231.7	184.7	25.45
Sonepur	Pumpkin	Rabi, 2009-10	Component	Malathion	Jaggery	Irrigated	210	149.8	40.19
Sonepur	Farm implement	Rabi, 2009-10	Component	Metallic storage bin	-	-	-	-	-

### 3.7 Technical Feedback on the demonstrated technologies

KVK Name	Crop	Demonstrated Technology	Village	Block Name	Feed Back
Sonepur	Paddy	Cultivation of variety udayagiri	Panisiali	Sonepur	Farmers appreciated the performance of Udayagiri variety but the traders don't prefer to purchase red kernel grain
Sonepur	Paddy	Integrated disease management to control Blast	Chasagotha	Sonepur	Farmers appreciated the seed treatment and involved themselves in identification of disease during early stage of infestation
Sonepur	wheat	Certified Seed and INM	Janmura	Sonepur	All the farmers appreciated the demonstration and ready to adopt the technology
Sonepur	Paddy	INM	Panisiali	Sonepur	INM from organic and inorganic sources reduces pest load and increases return per rupees invested.
Sonepur	Vemi-compost	Vermi-composting	Panisiali	Sonepur	Best way of producing quality compost from the un utilized farm waste.
Sonepur	Oyster mushroom	Oyster mushroom cultivation	Ichhapur	Sonepur	All the farmers appreciated the demonstration and ready to adopt the technology of oyster mushroom cultivation
Sonepur	pisciculture	Integrated fish farming	Lakarma, Arjunpur, Panisiali	Sonepur	Result awaited
Sonepur	pisciculture	Demonstration on pellet feed	Panisiali, Arjunpur, Sansamura	Sonepur	Result awaited
Sonepur	pisciculture	Demonstration on fish –duck farming	Sansamura, Arjunpur, Panisiali	Sonepur	Result awaited
Sonepur	Poultry	Demonstration on rearing of poultry	Panisiali, Lakarma	Sonepur	Result awaited

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		birds in backyard			
Sonepur	Brinjal	Neem cake @ 1 qnt /acre, destruction of affected shoot, use of 8-10 no pheromone traps/ acre Spraying of neem pesticide	Panisiali	Sonepur	Farmers accepted the technology and appreciated the pheromone trap technology and destruction of damaged shoots and fruit as and when found in the field. At the same time requested to make available the trap and lure which is not sold in retail shop. Suggested to include light traps to catch the live moths.
Sonepur	Cabbage	Spraying of neem pesticide, Endosulfan, installation of traps, spraying of fipronil	Ichhapur	Sonepur	Elated after seeing the result of neem pesticide, removal of upper leaf from head considerably reduced the incidence of cabbage borer. Traps played major role to reduce the male moth population.
Sonepur	Pumpkin	10 ltr water+ 30 ml malathion + 1 kg jaggery thoroughly mixed and applied at 10 days intervals bait & 50 g jaggery + 30 ml malathion as foliar spray, removal and destruction of affected fruits	Singhari	Sonepur	Farmers were interested to use the poison bait technology in bitter gourd and cucumber also.
Sonepur	Farm implement	Metallic storage bin	Chasagoth	Sonepur	Result awaited

### 3.8 Farmers' reactions on specific technologies

KVK Name	Crop	Demonstrated Technology	Farmers' Name			Feed Back
Sonepur	Paddy	Varietal performance of Udayagiri	Nepal Naik			Udaygiri gave more yield than khandagiri but marketing due to red grain is main problem
Sonepur	Paddy	IDM in paddy to manage blast	Raturaj Padhan			Encouraged to do seed treatment every year
Sonepur	Wheat	Certified seed & INM	Purna Ch. Padhan			Stem borer attack under late sown condition
Sonepur	Paddy	INM	Kasinath Naik			Availability of biofertilizer is a major constraint.
Sonepur	Vermin-compost	Vermin-composting	Surath Mahakur			Application of vermicompost boosts the flower & fruit production in vegetables and improves the luster of the vegetables.
Sonepur	Oyster mushroom	Oyster mushroom cultivation	Puspnjali Kardia			Availability of spawn is a major problem
Sonepur	pisciculture	Integrated fish farming	Result awaited			
Sonepur	pisciculture	Demonstration on pellet feed	Result awaited			
Sonepur	pisciculture	Demonstration on fish –duck farming	Result awaited			
Sonepur	Poultry	Demonstration on rearing of poultry	Result awaited			

Please do not change the format of tables.

Please write name of KVK in each row, Please do not use "Enter Key" in table. Use only "Arrow Key" or "Tab Key" or Mouse for moving in Table.

Please do not write unit or text in "Green Coloured cell". Write only numerical figures.

		birds in backyard				
Sonepur	Brinjal	IPM for fruit and shoot borer	Nepal Naik			Insects don't respond to pesticides after 2-3 years of use
Sonepur	Cabbage	IPM for cabbage borer	Gariba Kunwar			Though neem pesticide works but it is slow in action
Sonepur	Pumpkin	Management of pumpkin fruit fly	Khageswar Naik			Poison bait dried up very quickly in summer, very difficult to maintain

### 3.9 Extension and Training activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Sonepur	Paddy	Field days	-	-	-
		Farmers Training	1	25	-
		Media coverage	-	-	-
		Training for extension functionaries	-	-	-
Sonepur	Paddy	Field days	-	-	-
		Farmers Training	1	25	-
		Media coverage	-	-	-
		Training for extension functionaries	1	10	-
Sonepur	Wheat	Field days	1	50	-
Sonepur		Farmers Training	1	25	-
Sonepur		Media coverage	1	-	-
Sonepur		Training for extension functionaries	-	-	-
Sonepur	Paddy	Field days	-	-	-
Sonepur		Farmers Training	2	50	-
Sonepur		Media coverage	-	-	-
Sonepur		Training for extension functionaries	1	10	-
Sonepur	Vermicompost	Field days	-	-	-
Sonepur		Farmers Training	1	-	-
Sonepur		Media coverage	-	-	-
Sonepur		Training for extension functionaries	-	-	-
Sonepur	Mushroom Cultivation	Field days	-	-	-
Sonepur		Farmers Training	2	25	-
Sonepur		Media coverage	-	-	-
Sonepur		Training for extension functionaries	-	-	-

Please do not change the format of tables.

Please write name of KVK in each row, Please do not use "Enter Key" in table. Use only "Arrow Key" or "Tab Key" or Mouse for moving in Table.

Please do not write unit or text in "Green Coloured cell". Write only numerical figures.

Sonepur		Field days			
Sonepur		Farmers Training			
Sonepur		Media coverage			
Sonepur		Training for extension functionaries			
Sonepur	Vermicompost	Field days	-		
Sonepur		Farmers Training	1		
Sonepur		Media coverage	-		
Sonepur		Training for extension functionaries	-		
Sonepur	pisciculture	Field days	1	50	
Sonepur		Farmers Training	2	50	
Sonepur		Media coverage			
Sonepur		Training for extension functionaries			
Sonepur	pisciculture	Field days	-	-	
Sonepur		Farmers Training	3	75	
Sonepur		Media coverage			
Sonepur		Training for extension functionaries			
Sonepur	pisciculture	Field days	-	-	
Sonepur		Farmers Training	4	100	
Sonepur		Media coverage			
Sonepur		Training for extension functionaries			
Sonepur	Poultry	Field days	1	50	
Sonepur		Farmers Training/ Animal Health camp	1	50	
Sonepur		Media coverage			
Sonepur		Training for extension functionaries			
Sonepur	Brinjal	Field days	1	50	
Sonepur		Farmers Training	1	25	
Sonepur		Media coverage	-	-	-
Sonepur		Training for extension functionaries	-	-	-
Sonepur	Cabbage	Field days	-	-	-
Sonepur		Farmers Training	1	25	-
Sonepur		Media coverage	-	-	-
Sonepur		Training for extension functionaries	-	-	-
Sonepur	pumpkin	Field days			
Sonepur		Farmers Training	1	25	
Sonepur		Media coverage	-	-	-

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Please do not write unit or text in "Green Coloured cell". Write only numerical figures.

Sonepur		Training for extension functionaries	-	-	-
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**Please do not write unit or text in "Green Coloured cell". Write only numerical figures.**



## **IMPORTANT INSTRUCTION**

- 1. Do not modify/add/delete the column of the tables. If you want to give additional information, please attached separate sheet as annexure.**
- 2. Do not modify/delete the text written on grey colored background columns in tables otherwise information of your KVK will not be accepted by the database of our Directorate.**
- 3. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.**
- 4. Column No. 1 is reserved for name of the KVK (District name). Write your KVK name in every row (do not leave blank the column No. 1 for any of the row).**
- 5. Please do not write unit or text in "Green" Coloured cell. Write only numerical figures here.**

**Please do not change the format of tables.**

**Please write name of KVK in each row, Please do not use "Enter Key" in table. Use only "Arrow Key" or "Tab Key" or Mouse for moving in Table.**

**Please do not write unit or text in "Green Coloured cell". Write only numerical figures.**

**Please do not change the format of tables.**

**Please write name of KVK in each row, Please do not use "Enter Key" in table. Use only "Arrow Key" or "Tab Key" or Mouse for moving in Table.**

**Please do not write unit or text in "Green Coloured cell". Write only numerical figures.**

# FORMAT 2 – STAFF POSITION, TRAININGS, EXTENSION ACTIVITIES

**REPORTING PERIOD – 1<sup>st</sup> April, 2009 to 31<sup>st</sup> March, 2010**

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## IMPORTANT INSTRUCTION

6. Do not modify/add/delete the column of the tables. If you want to give additional information, please attached with separate sheet as annexure.
7. Do not modify/delete the text written on grey colored background columns in tables otherwise information of your KVK will not be accepted by the database of our Directorate.
8. Training on additional Topics can be added or replaced under OTH Thematic Code in Table T1 (written in blue colored text).
9. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.
10. Column No. 1 is reserved for name of the KVK (District name). Write your KVK name in every row (do not leave blank the column No. 1 for any of the row).
11. Please do not write unit or text in "Green Coloured cell". Write only numerical figures.

Please do not change the format of tables.

Please write name of KVK in each row, Please do not use "Enter Key" in table. Use only "Arrow Key" or "Tab Key" or Mouse for moving in Table.

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## Abbreviation Used

FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	(C) Extension Personnel
ONC	On Campus Training Programme
OFC	Off Campus Training Programme
M	Male
F	Female
T	Total
<b>Thematic Areas for Training</b>	
CRP	Crop Production
HOV	Horticulture – Vegetable Crops
HOF	Horticulture-Fruits
HOO	Horticulture- Ornamental Plants
HOP	Horticulture- Plantation crops
HOT	Horticulture- Tuber crops
HOS	Horticulture- Spices
HOM	Horticulture- Medicinal and Aromatic Plants
SFM	Soil Health and Fertility Management
LPM	Livestock Production and Management
WOE	Home Science/Women empowerment
AEG	Agril. Engineering
PLP	Plant Protection
FIS	Fisheries
PIS	Production of Inputs at site
CBD	Capacity Building and Group Dynamics
AGF	Agro-forestry
OTH	Others
RYH	Rural Youth
EXP	Extension Personnel

Please do not change the format of tables.

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Please do not write unit or text in "Green Coloured cell". Write only numerical figures.

# 1. Staff Position (as on 31<sup>st</sup> March 2010)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
Sonepur	Programme Coordinator (I/C)	U.K.Behera	Entomology	M.Sc .Ag(Ent) (PP )	Entomology	8000 - 275 – 13,500	9375	5.2.2010	Temporary	SC
Sonepur	Subject Matter Specialist1	B.R.Samantaray	Fishery	M.F.Sc	Inland Aquaculture	8000 - 275 – 13,500	9100	12.1.2006	Temporary	Other
Sonepur	Subject Matter Specialist2	Mrs. J. Bhuyan	Home Science	M.sc (H.Sc)	Home Science	8000 - 275 – 13,500	8000	23.10.09	Temporary	OBC
Sonepur	Subject Matter Specialist3	Mrs M.Mohapatra	Agri. Engineering	M.Tech (Agri.Engg)	Agri. Engineering	8000 - 275 – 13,500	8000	13.12.09	Temporary	Other
Sonepur	Subject Matter Specialist4	-	-	-	-	-	-	-	-	-
Sonepur	Subject Matter Specialist5	-	-	-	-	-	-	-	-	-
Sonepur	Subject Matter Specialist6	-	-	-	-	-	-	-	-	-
Sonepur	Programme Assistant	B.S.Bishoyi	Agronomy	M.SC ( Agronomy)	Agronomy	5500 – 175 – 9000	6200	7.7.2005	Temporary	OBC
Sonepur	Farm Manager	T.K.Das	Entomology	.Sc Ag(Ent)	Entomology	5500 – 175 – 9000	6200	12.8.2005	Temporary	Other
Sonepur	Computer Programmer	Tanmay Nanda	Computer	PGDCA,MA	PGDCA	5500 – 175 – 9000	6200	21.7.2009	Temporary	Other
Sonepur	Accountant / superintendent	Mr Bijaya Kumar Kar	Supdt.-cum-Accountant	BA	BA	5900 – 200 - 9700	5900	24.3.2008	Permanent	Other
Sonepur	Stenographer	Trupti Ranjan Barik	Jr. Steno	B.SC , PGDCA	PGDCA	4000 – 100 – 5000	4300	9.10.2006	Temporary	Other
Sonepur	Driver	Durga Prasad Pattanaik	-	H.SC	-	3050 – 75 – 4590	3200	27.7.2007	Temporary	other
Sonepur	Driver	-	-	-	-	-	-	-	-	-
Sonepur	Supporting staff	Mr Lachhman	-	5 <sup>th</sup>	-	2550 –	2660	22.12.2007	Temporary	Other

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Please do not write unit or text in "Green Coloured cell". Write only numerical figures.

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
		Swain				55 – 3200				
Sonepur	Supporting staff	Prafulla Pallei	-	7 <sup>th</sup>	-	2550 – 55 – 3200	2660	22.12.2007	Temporary	Other

## 2. Documentation of the need assessment conducted by the KVK for the training programme

Name of KVK.	Category of the training	Methods of need assessment	Date and place	No. Of participants involved
kvk Sonepur	Rural youth	Farmers meeting and group discussion –seeing the gap between demand and supply of paddy some youths showed interest for seed production and supply to the farmers	18.06.2009, Chasagotha, Sonepur	17
kvk Sonepur	Rural youth	Diagnostic field visit and group discussion. As there is under utilization of farm waste and non availability of quality compost in the locality vermicomposting is one of the viable option for the production of quality compost as well as for self employment	29.12.2009, Panisiali, Sonepur	22
kvk Sonepur	Rural youth	Focus discussion – Seeing the profit of yearling production some rural youth come forward to carry out as commercial venture	10.10.2009, Arjunpur, Sonepur	15
kvk Sonepur	Rural youth	Group discussion- observing the performance of oyster mushroom some rural youth came forward for commercial production of oyster mushroom as well for marketing	02.01.2010, Ichhapur, Sonepur	10
kvk Sonepur	Rural youth	By exposure visit and group discussion some rural youth came forward to carry out rearing of honey bee as commercial venture.	17.03.2010, kvk, Sonepur	15

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Please write name of KVK in each row, Please do not use “Enter Key” in table. Use only “Arrow Key” or “Tab Key” or Mouse for moving in Table.

Please do not write unit or text in "Green Coloured cell". Write only numerical figures.

For example: Need assessment of the training for farmers and farmwomen, the method may be diagnostic field visit, PRA tools, group discussion and exploratory survey

### 3. TRAINING PROGRAMMES

**Table 3.1.** Details of Training programmes conducted by the KVKs

Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants						
								SC		ST		Others		
								M	F	M	F	M	F	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Sonepur	FW	ONC	CRP	Crop Diversification										
Sonepur	FW	ONC	CRP	Integrated Farming										
Sonepur	FW	ONC	CRP	Water management										
Sonepur	FW	ONC	CRP	Seed production										
Sonepur	FW	ONC	CRP	Nursery management										
Sonepur	FW	ONC	CRP	Integrated Crop Management	03	03	04	20	-	-	-	55	-	
Sonepur	FW	ONC	CRP	Fodder production										
Sonepur	FW	ONC	CRP	Production of organic inputs										
Sonepur	FW	ONC	HOV	Production of low volume and high value crops										
Sonepur	FW	ONC	HOV	Off-season vegetables										
Sonepur	FW	ONC	HOV	Nursery raising										
Sonepur	FW	ONC	HOV	Exotic vegetables like Broccoli										
Sonepur	FW	ONC	HOV	Export potential vegetables										
Sonepur	FW	ONC	HOV	Grading and standardization										
Sonepur	FW	ONC	HOV	Protective cultivation (Green Houses, Shade Net etc.)										
Sonepur	FW	ONC	HOF	Training and Pruning										
Sonepur	FW	ONC	HOF	Layout and Management of Orchards										
Sonepur	FW	ONC	HOF	Cultivation of Fruit										
Sonepur	FW	ONC	HOF	Management of young plants/orchards										
Sonepur	FW	ONC	HOF	Rejuvenation of old orchards										
Sonepur	FW	ONC	HOF	Export potential fruits										
Sonepur	FW	ONC	HOF	Micro irrigation systems of orchards										
Sonepur	FW	ONC	HOF	Plant propagation techniques										
Sonepur	FW	ONC	HOO	Nursery Management										
Sonepur	FW	ONC	HOO	Management of potted plants										
Sonepur	FW	ONC	HOO	Export potential of ornamental plants										

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Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants						
								SC		ST		Others		
								M	F	M	F	M	F	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Sonepur	FW	ONC	HOO	Propagation techniques of Ornamental Plants										
Sonepur	FW	ONC	HOP	Production and Management technology										
Sonepur	FW	ONC	HOP	Processing and value addition										
Sonepur	FW	ONC	HOT	Production and Management technology										
Sonepur	FW	ONC	HOT	Processing and value addition										
Sonepur	FW	ONC	HOS	Production and Management technology										
Sonepur	FW	ONC	HOS	Processing and value addition										
Sonepur	FW	ONC	HOM	Nursery management										
Sonepur	FW	ONC	HOM	Production and management technology										
Sonepur	FW	ONC	HOM	Post harvest technology and value addition										
Sonepur	FW	ONC	SFM	Soil fertility management										
Sonepur	FW	ONC	SFM	Soil and Water Conservation										
Sonepur	FW	ONC	SFM	Integrated Nutrient Management										
Sonepur	FW	ONC	SFM	Production and use of organic inputs										
Sonepur	FW	ONC	SFM	Management of Problematic soils										
Sonepur	FW	ONC	SFM	Micro nutrient deficiency in crops										
Sonepur	FW	ONC	SFM	Nutrient Use Efficiency										
Sonepur	FW	ONC	SFM	Soil and Water Testing										
Sonepur	FW	ONC	LPM	Dairy Management										
Sonepur	FW	ONC	LPM	Poultry Management										
Sonepur	FW	ONC	LPM	Piggery Management										
Sonepur	FW	ONC	LPM	Rabbit Management										
Sonepur	FW	ONC	LPM	Disease Management										
Sonepur	FW	ONC	LPM	Feed management										
Sonepur	FW	ONC	LPM	Production of quality animal products										
Sonepur	FW	ONC	WOE	Household food security by kitchen gardening and nutrition gardening										
Sonepur	FW	ONC	WOE	Design and development of low/minimum cost diet										
Sonepur	FW	ONC	WOE	Designing and development for high nutrient efficiency diet										
Sonepur	FW	ONC	WOE	Minimization of nutrient loss in processing										
Sonepur	FW	ONC	WOE	Gender mainstreaming through SHGs										
Sonepur	FW	ONC	WOE	Storage loss minimization techniques										
Sonepur	FW	ONC	WOE	Value addition										

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Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Sonepur	FW	ONC	WOE	Income generation activities for empowerment of rural Women									
Sonepur	FW	ONC	WOE	Location specific drudgery reduction technologies									
Sonepur	FW	ONC	WOE	Rural Crafts									
Sonepur	FW	ONC	WOE	Women and child care									
Sonepur	FW	ONC	AEG	Installation and maintenance of micro irrigation systems									
Sonepur	FW	ONC	AEG	Use of Plastics in farming practices									
Sonepur	FW	ONC	AEG	Production of small tools and implements									
Sonepur	FW	ONC	AEG	Repair and maintenance of farm machinery and implements									
Sonepur	FW	ONC	AEG	Small scale processing and value addition									
Sonepur	FW	ONC	AEG	Post Harvest Technology									
Sonepur	FW	ONC	PLP	Integrated Pest Management	04	04	04	13	05	04	02	82	14
Sonepur	FW	ONC	PLP	Integrated Disease Management									
Sonepur	FW	ONC	PLP	Bio-control of pests and diseases									
Sonepur	FW	ONC	PLP	Production of bio control agents and bio pesticides									
Sonepur	FW	ONC	FIS	Integrated fish farming									
Sonepur	FW	ONC	FIS	Carp breeding and hatchery management									
Sonepur	FW	ONC	FIS	Carp fry and fingerling rearing									
Sonepur	FW	ONC	FIS	Composite fish culture									
Sonepur	FW	ONC	FIS	Hatchery management and culture of freshwater prawn									
Sonepur	FW	ONC	FIS	Breeding and culture of ornamental fishes									
Sonepur	FW	ONC	FIS	Portable plastic carp hatchery									
Sonepur	FW	ONC	FIS	Pen culture of fish and prawn									
Sonepur	FW	ONC	FIS	Shrimp farming									
Sonepur	FW	ONC	FIS	Edible oyster farming									
Sonepur	FW	ONC	FIS	Pearl culture									
Sonepur	FW	ONC	FIS	Fish processing and value addition									
Sonepur	FW	ONC	PIS	Seed Production									
Sonepur	FW	ONC	PIS	Planting material production									
Sonepur	FW	ONC	PIS	Bio-agents production									
Sonepur	FW	ONC	PIS	Bio-pesticides production									
Sonepur	FW	ONC	PIS	Bio-fertilizer production									
Sonepur	FW	ONC	PIS	Vermi-compost production									

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Please do not write unit or text in "Green Coloured cell". Write only numerical figures.

Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Sonepur	FW	ONC	PIS	Organic manures production									
Sonepur	FW	ONC	PIS	Production of fry and fingerlings									
Sonepur	FW	ONC	PIS	Production of Bee-colonies and wax sheets									
Sonepur	FW	ONC	PIS	Small tools and implements									
Sonepur	FW	ONC	PIS	Production of livestock feed and fodder									
Sonepur	FW	ONC	PIS	Production of Fish feed									
Sonepur	FW	ONC	CBD	Leadership development									
Sonepur	FW	ONC	CBD	Group dynamics									
Sonepur	FW	ONC	CBD	Formation and Management of SHGs									
Sonepur	FW	ONC	CBD	Mobilization of social capital									
Sonepur	FW	ONC	CBD	Entrepreneurial development of farmers/youths									
Sonepur	FW	ONC	CBD	WTO and IPR issues									
Sonepur	FW	ONC	AGF	Production technologies									
Sonepur	FW	ONC	AGF	Nursery management									
Sonepur	FW	ONC	AGF	Integrated Farming Systems									
Sonepur	FW	ONC	OTH	Others (Use of improved implement)									
Sonepur	FW	ONC	OTH	Others (Please specify)									
Sonepur	RY	ONC	RYH	Mushroom Production	01	01	02	-	-	-	-	-	15
Sonepur	RY	ONC	RYH	Bee-keeping	01	01	03	09	-	-	-	06	-
Sonepur	RY	ONC	RYH	Integrated farming	02	02	02	05	-	02	02	37	04
Sonepur	RY	ONC	RYH	Seed production	01	01	03	-	-	-	-	15	-
Sonepur	RY	ONC	RYH	Production of organic inputs									
Sonepur	RY	ONC	RYH	Integrated Farming									
Sonepur	RY	ONC	RYH	Planting material production									
Sonepur	RY	ONC	RYH	Vermi-culture	01	01	03	02	-	-	-	13	-
Sonepur	RY	ONC	RYH	Sericulture									
Sonepur	RY	ONC	RYH	Protected cultivation of vegetable crops									
Sonepur	RY	ONC	RYH	Commercial fruit production									
Sonepur	RY	ONC	RYH	Repair and maintenance of farm machinery and implements									
Sonepur	RY	ONC	RYH	Nursery Management of Horticulture crops									
Sonepur	RY	ONC	RYH	Training and pruning of orchards									
Sonepur	RY	ONC	RYH	Value addition									
Sonepur	RY	ONC	RYH	Production of quality animal products									

Please do not change the format of tables.

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Please do not write unit or text in "Green Coloured cell". Write only numerical figures.

Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Sonepur	RY	ONC	RYH	Dairying									
Sonepur	RY	ONC	RYH	Sheep and goat rearing									
Sonepur	RY	ONC	RYH	Quail farming									
Sonepur	RY	ONC	RYH	Piggery									
Sonepur	RY	ONC	RYH	Rabbit farming									
Sonepur	RY	ONC	RYH	Poultry production									
Sonepur	RY	ONC	RYH	Ornamental fisheries									
Sonepur	RY	ONC	RYH	Para vets									
Sonepur	RY	ONC	RYH	Para extension workers									
Sonepur	RY	ONC	RYH	Composite fish culture									
Sonepur	RY	ONC	RYH	Freshwater prawn culture									
Sonepur	RY	ONC	RYH	Shrimp farming									
Sonepur	RY	ONC	RYH	Pearl culture									
Sonepur	RY	ONC	RYH	Cold water fisheries									
Sonepur	RY	ONC	RYH	Fish harvest and processing technology									
Sonepur	RY	ONC	RYH	Fry and fingerling rearing									
Sonepur	RY	ONC	RYH	Small scale processing									
Sonepur	RY	ONC	RYH	Post Harvest Technology									
Sonepur	RY	ONC	RYH	Tailoring and Stitching									
Sonepur	RY	ONC	RYH	Rural Crafts									
Sonepur	RY	ONC	RYH	Others (Irrigation System)									
Sonepur	RY	ONC	RYH	Others (Flower Production)									
Sonepur	RY	ONC	RYH	Others (Please specify)									
Sonepur	IS	ONC	EXP	Productivity enhancement in field crops	03	03	03	-	-	-	-	30	-
Sonepur	IS	ONC	EXP	Integrated Pest Management	02	02	02	4	2	-	-	10	4
Sonepur	IS	ONC	EXP	Integrated Nutrient management									
Sonepur	IS	ONC	EXP	Rejuvenation of old orchards									
Sonepur	IS	ONC	EXP	Protected cultivation technology									
Sonepur	IS	ONC	EXP	Formation and Management of SHGs									
Sonepur	IS	ONC	EXP	Group Dynamics and farmers organization									
Sonepur	IS	ONC	EXP	Information networking among farmers									
Sonepur	IS	ONC	EXP	Capacity building for ICT application									
Sonepur	IS	ONC	EXP	Care and maintenance of farm machinery and implements									

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Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants						
								SC		ST		Others		
								M	F	M	F	M	F	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Sonepur	IS	ONC	EXP	WTO and IPR issues										
Sonepur	IS	ONC	EXP	Management in farm animals										
Sonepur	IS	ONC	EXP	Livestock feed and fodder production										
Sonepur	IS	ONC	EXP	Household food security										
Sonepur	IS	ONC	EXP	Women and Child care										
Sonepur	IS	ONC	EXP	Low cost and nutrient efficient diet designing										
Sonepur	IS	ONC	EXP	Production and use of organic inputs										
Sonepur	IS	ONC	EXP	Gender mainstreaming through SHGs										
Sonepur	IS	ONC	EXP	Others (Water Conservation)										
Sonepur	IS	ONC	EXP	Others (Flower production)										
Sonepur	IS	ONC	EXP	Others (Please specify)										
Sonepur	IS	ONC	EXP	Others (Please specify)										
Sonepur	FW	OFC	CRP	Weed Management	01	01	01	2	-	-	-	23	-	
Sonepur	FW	OFC	CRP	Resource Conservation Technologies										
Sonepur	FW	OFC	CRP	Cropping Systems	01	01	01	16	4	-	-	05	-	
Sonepur	FW	OFC	CRP	Crop Diversification	01	01	01	-	-	-	-	25	-	
Sonepur	FW	OFC	CRP	Integrated Farming										
Sonepur	FW	OFC	CRP	Water management										
Sonepur	FW	OFC	CRP	Seed production										
Sonepur	FW	OFC	CRP	Nursery management	01	01	02	13	04	-	-	05	03	
Sonepur	FW	OFC	CRP	Integrated Crop Management	03	04	05	34	07	-	-	33	01	
Sonepur	FW	OFC	CRP	Fodder production										
Sonepur	FW	OFC	CRP	Production of organic inputs										
Sonepur	FW	OFC	HOV	Production of low volume and high value crops										
Sonepur	FW	OFC	HOV	Off-season vegetables										
Sonepur	FW	OFC	HOV	Nursery raising										
Sonepur	FW	OFC	HOV	Exotic vegetables like Broccoli										
Sonepur	FW	OFC	HOV	Export potential vegetables										
Sonepur	FW	OFC	HOV	Grading and standardization										
Sonepur	FW	OFC	HOV	Protective cultivation (Green Houses, Shade Net etc.)										
Sonepur	FW	OFC	HOF	Training and Pruning										
Sonepur	FW	OFC	HOF	Layout and Management of Orchards										
Sonepur	FW	OFC	HOF	Cultivation of Fruit										

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Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Sonepur	FW	OFC	HOF	Management of young plants/orchards									
Sonepur	FW	OFC	HOF	Rejuvenation of old orchards									
Sonepur	FW	OFC	HOF	Export potential fruits									
Sonepur	FW	OFC	HOF	Micro irrigation systems of orchards									
Sonepur	FW	OFC	HOF	Plant propagation techniques									
Sonepur	FW	OFC	HOO	Nursery Management									
Sonepur	FW	OFC	HOO	Management of potted plants									
Sonepur	FW	OFC	HOO	Export potential of ornamental plants									
Sonepur	FW	OFC	HOO	Propagation techniques of Ornamental Plants									
Sonepur	FW	OFC	HOP	Production and Management technology									
Sonepur	FW	OFC	HOP	Processing and value addition									
Sonepur	FW	OFC	HOT	Production and Management technology									
Sonepur	FW	OFC	HOT	Processing and value addition									
Sonepur	FW	OFC	HOS	Production and Management technology									
Sonepur	FW	OFC	HOS	Processing and value addition									
Sonepur	FW	OFC	HOM	Nursery management									
Sonepur	FW	OFC	HOM	Production and management technology									
Sonepur	FW	OFC	HOM	Post harvest technology and value addition									
Sonepur	FW	OFC	SFM	Soil fertility management									
Sonepur	FW	OFC	SFM	Soil and Water Conservation									
Sonepur	FW	OFC	SFM	Integrated Nutrient Management									
Sonepur	FW	OFC	SFM	Production and use of organic inputs									
Sonepur	FW	OFC	SFM	Management of Problematic soils									
Sonepur	FW	OFC	SFM	Micro nutrient deficiency in crops									
Sonepur	FW	OFC	SFM	Nutrient Use Efficiency									
Sonepur	FW	OFC	SFM	Soil and Water Testing									
Sonepur	FW	OFC	LPM	Dairy Management									
Sonepur	FW	OFC	LPM	Poultry Management									
Sonepur	FW	OFC	LPM	Piggery Management									
Sonepur	FW	OFC	LPM	Rabbit Management									
Sonepur	FW	OFC	LPM	Disease Management									
Sonepur	FW	OFC	LPM	Feed management									
Sonepur	FW	OFC	WOE	Household food security by kitchen gardening and									

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Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants						
								SC		ST		Others		
								M	F	M	F	M	F	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
				nutrition gardening										
Sonepur	FW	OFC	WOE	Design and development of low/minimum cost diet										
Sonepur	FW	OFC	WOE	Designing and development for high nutrient efficiency diet										
Sonepur	FW	OFC	WOE	Minimization of nutrient loss in processing										
Sonepur	FW	OFC	WOE	Gender mainstreaming through SHGs										
Sonepur	FW	OFC	WOE	Storage loss minimization techniques										
Sonepur	FW	OFC	WOE	Value addition										
Sonepur	FW	OFC	WOE	Income generation activities for empowerment of rural Women										
Sonepur	FW	OFC	WOE	Location specific drudgery reduction technologies										
Sonepur	FW	OFC	WOE	Rural Crafts										
Sonepur	FW	OFC	WOE	Women and child care										
Sonepur	FW	OFC	AEG	Installation and maintenance of micro irrigation systems										
Sonepur	FW	OFC	AEG	Use of Plastics in farming practices										
Sonepur	FW	OFC	AEG	Production of small tools and implements										
Sonepur	FW	OFC	AEG	Repair and maintenance of farm machinery and implements										
Sonepur	FW	OFC	AEG	Small scale processing and value addition										
Sonepur	FW	OFC	AEG	Post Harvest Technology										
Sonepur	FW	OFC	PLP	Integrated Pest Management	07	07	07	23	6	10	3	122	11	
Sonepur	FW	OFC	PLP	Integrated Disease Management	04	04	04	09	05	04	01	69	07	
Sonepur	FW	OFC	PLP	Bio-control of pests and diseases										
Sonepur	FW	OFC	PLP	Production of bio control agents and bio pesticides										
Sonepur	FW	OFC	FIS	Integrated fish farming	01	01	01	01	-	02	-	22	-	
Sonepur	FW	OFC	FIS	Carp breeding and hatchery management	01	01	01	-	-	01	02	21	01	
Sonepur	FW	OFC	FIS	Carp fry and fingerling rearing	02	02	02	03	-	02	-	39	06	
Sonepur	FW	OFC	FIS	Composite fish culture	01	01	01	02	-	-	-	21	02	
Sonepur	FW	OFC	FIS	Hatchery management and culture of freshwater prawn										
Sonepur	FW	OFC	FIS	Breeding and culture of ornamental fishes	01	01	01	02	03	01	01	13	05	
Sonepur	FW	OFC	FIS	Portable plastic carp hatchery										
Sonepur	FW	OFC	FIS	Pen culture of fish and prawn										
Sonepur	FW	OFC	FIS	Shrimp farming										
Sonepur	FW	OFC	FIS	Edible oyster farming										

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Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Sonepur	FW	OFC	FIS	Pearl culture									
Sonepur	FW	OFC	FIS	Fish processing and value addition									
Sonepur	FW	OFC	PIS	Seed Production									
Sonepur	FW	OFC	PIS	Planting material production									
Sonepur	FW	OFC	PIS	Bio-agents production									
Sonepur	FW	OFC	PIS	Bio-pesticides production									
Sonepur	FW	OFC	PIS	Bio-fertilizer production									
Sonepur	FW	OFC	PIS	Vermi-compost production									
Sonepur	FW	OFC	PIS	Organic manures production									
Sonepur	FW	OFC	PIS	Production of fry and fingerlings									
Sonepur	FW	OFC	PIS	Production of Bee-colonies and wax sheets									
Sonepur	FW	OFC	PIS	Small tools and implements									
Sonepur	FW	OFC	PIS	Production of livestock feed and fodder									
Sonepur	FW	OFC	PIS	Production of Fish feed	01	01	01	01	-	03	01	20	-
Sonepur	FW	OFC	CBD	Leadership development									
Sonepur	FW	OFC	CBD	Group dynamics									
Sonepur	FW	OFC	CBD	Formation and Management of SHGs									
Sonepur	FW	OFC	CBD	Mobilization of social capital									
Sonepur	FW	OFC	CBD	Entrepreneurial development of farmers/youths									
Sonepur	FW	OFC	CBD	WTO and IPR issues									
Sonepur	FW	OFC	AGF	Production technologies									
Sonepur	FW	OFC	AGF	Nursery management									
Sonepur	FW	OFC	AGF	Integrated Farming Systems									
Sonepur	FW	OFC	OTH	Others (Goat Management)									
Sonepur	FW	OFC	AEG	Others (Use of improved implement)									
Sonepur	FW	OFC	AEG	Others (water recharging)									
Sonepur	FW	OFC	AEG	Others( Soil and Water Conservation)									
Sonepur	FW	OFC	OTH	Others (Please specify)									
Sonepur	RY	OFC	RYH	Mushroom Production	01	01	01	-	-	-	-	-	10
Sonepur	RY	OFC	RYH	Bee-keeping									
Sonepur	RY	OFC	RYH	Integrated farming									
Sonepur	RY	OFC	RYH	Seed production									
Sonepur	RY	OFC	RYH	Production of organic inputs									

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Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Sonepur	RY	OFC	RYH	Integrated Farming									
Sonepur	RY	OFC	RYH	Planting material production									
Sonepur	RY	OFC	RYH	Vermi-culture									
Sonepur	RY	OFC	RYH	Sericulture									
Sonepur	RY	OFC	RYH	Protected cultivation of vegetable crops									
Sonepur	RY	OFC	RYH	Commercial fruit production									
Sonepur	RY	OFC	RYH	Repair and maintenance of farm machinery and implements									
Sonepur	RY	OFC	RYH	Nursery Management of Horticulture crops									
Sonepur	RY	OFC	RYH	Training and pruning of orchards									
Sonepur	RY	OFC	RYH	Value addition									
Sonepur	RY	OFC	RYH	Production of quality animal products									
Sonepur	RY	OFC	RYH	Dairying									
Sonepur	RY	OFC	RYH	Sheep and goat rearing									
Sonepur	RY	OFC	RYH	Quail farming									
Sonepur	RY	OFC	RYH	Piggery									
Sonepur	RY	OFC	RYH	Rabbit farming									
Sonepur	RY	OFC	RYH	Poultry production									
Sonepur	RY	OFC	RYH	Ornamental fisheries									
Sonepur	RY	OFC	RYH	Para vets									
Sonepur	RY	OFC	RYH	Para extension workers									
Sonepur	RY	OFC	RYH	Composite fish culture	04	04	06	12	-	07	-	75	06
Sonepur	RY	OFC	RYH	Freshwater prawn culture									
Sonepur	RY	OFC	RYH	Shrimp farming									
Sonepur	RY	OFC	RYH	Pearl culture									
Sonepur	RY	OFC	RYH	Cold water fisheries									
Sonepur	RY	OFC	RYH	Fish harvest and processing technology									
Sonepur	RY	OFC	RYH	Fry and fingerling rearing	02	02	04	-	03	04	01	20	02
Sonepur	RY	OFC	RYH	Small scale processing									
Sonepur	RY	OFC	RYH	Post Harvest Technology									
Sonepur	RY	OFC	RYH	Tailoring and Stitching									
Sonepur	RY	OFC	RYH	Rural Crafts									
Sonepur	RY	OFC	RYH	Others (Designing and development for high nutrient efficiency diet)									

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Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Sonepur	IS	OFC	EXP	Productivity enhancement in field crops									
Sonepur	IS	OFC	EXP	Integrated Pest Management									
Sonepur	IS	OFC	EXP	Integrated Nutrient management									
Sonepur	IS	OFC	EXP	Rejuvenation of old orchards									
Sonepur	IS	OFC	EXP	Protected cultivation technology									
Sonepur	IS	OFC	EXP	Formation and Management of SHGs									
Sonepur	IS	OFC	EXP	Group Dynamics and farmers organization									
Sonepur	IS	OFC	EXP	Information networking among farmers									
Sonepur	IS	OFC	EXP	Capacity building for ICT application									
Sonepur	IS	OFC	EXP	Care and maintenance of farm machinery and implements									
Sonepur	IS	OFC	EXP	WTO and IPR issues									
Sonepur	IS	OFC	EXP	Management in farm animals									
Sonepur	IS	OFC	EXP	Livestock feed and fodder production									
Sonepur	IS	OFC	EXP	Household food security									
Sonepur	IS	OFC	EXP	Women and Child care									
Sonepur	IS	OFC	EXP	Low cost and nutrient efficient diet designing									
Sonepur	IS	OFC	EXP	Production and use of organic inputs									
Sonepur	IS	OFC	EXP	Gender mainstreaming through SHGs									
Sonepur	IS	OFC	EXP	Others (Please specify)									

**Table 3.2.** Details of Vocational training programmes for Rural Youth conducted by the KVKs

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries					
					SC		ST		Others	
					M	F	M	F	M	F
Sonepur	Integrated fish farming	Pisciculture	For better utilization of pond carrying capacity and pond bondh area	02	02	01	-	01	42	04
Sonepur	Fingerlings production for self employment	Pisciculture	Additional income within stipulated period	01	05	-	02	-	17	01
Sonepur	seed production of catla,rohu and mirgala	Pisciculture	Additional income	01	01	02	01	01	18	02
Sonepur	Rearing of honey bee	Honey bee	Bee keeping	03	09	-	-	-	06	-
Sonepur	Seed production technique in	Crop production	Small scale income	03	-	-	-	-	15	-

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	paddy		generation							
Sonepur	Vermicomposting from farm waste	Vermicomposting	Self employment	03	2	-	-	-	13	-

**Table 3.3. Details of training programme conducted for livelihood security in rural areas by the KVKs**

Name of KVK	Training title	Self employed after training			Number of persons employed else where
		Type of units	Number of units	Number of persons employed	
Sonepur	-	-	-	-	-

**Table 3.4. Sponsored Training Programmes**

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/R/IS)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Sonepur	Scaling up of water productivity in Agriculture for Livelihood	CRP		FW	07	01	40	-	10	-	-	ICAR	66,500	

**4. Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)**

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	
KVK Sonepur	Seed production technique in paddy	15	38	65	32	43	14800	24850	1. 56ha 2. Out of 15 trainees, 06 farmers adopted the recommended technique 3. (i) Knowledge: 92.5% (ii) Production: 34% 4. (ii) Income: 67.9 %

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KVK Sonepur	Verni -composting from farm waste	15	27	52	-	2	-	1000	1. 35 units 2. Out of 15 trainees, 05 farmers adopted the recommended scientific seed production technique 3. (i) Knowledge: 71 (After-Before)/Before *100 (ii) Production: new introduction (iii) Income new: introduction
KVK Sonepur	Crop management in wheat for higher production	25	52	78	12	19	10850	13200	1. 42 ha 2. Out of 25 trainees, 12 farmers adopted the recommended technique 3. (i) Knowledge:50 (After-Before)/Before *100 (ii) Production: 58.3% (iii) Income: 21.6%
KVK Sonepur	POP for scented paddy	25	42	75	18	29	34250	52550	1. 47 ha 2. Out of 25 trainees, 07 farmers adopted the recommended technique 3. (i) Knowledge:78.5(After-Before)/Before *100 (ii) Production: 61.1% (iii) Income: 53.4%
KVK Sonepur	Nutrient management in Cotton	25	48	73	16.25	23	48750	69000	1. 100 ha 2. Out of 25 trainees, 18farmers adopted the recommended technique 3. (i) Knowledge:52(After-Before)/Before *100 (ii) Production: 41.5% (iii) Income: 41.5%
KVK Sonepur	Healthy paddy seedling by proper management of nursery bed	25	53	75	32	37	30400	35150	1. 52 ha 2. Out of 25 trainees, 10 farmers adopted the recommended technique (i) Knowledge:41.5(After-Before)/Before *100 (ii) Production: 15.6% (iii) Income: 15.6%
KVK Sonepur	Management of catch crop in rice based farming system	25	27	42	-	2.3	-	7360	1. 22 ha 2. Out of 25 trainees, 08 farmers adopted the recommended technique 3. (i) Knowledge:65.6 (After-Before)/Before *100 (ii)Production: new introduction (iii) Income: new introduction

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<b>KVK</b> Sonepur	Use of organic fertilizer in paddy	25	32	53	31	32.2	29450	30590	1. 28 ha 2. Out of 25 trainees, 09 farmers adopted the recommended technique 3. (i) Knowledge:65.6 % ii)Production: 3.8 % (iii) Income: 3.8%
<b>KVK</b> Sonepur	Oyster mushroom cultivation	25	42	68	0.9	1.5	45	75	1. 100 unit 2. Out of 25 trainees, 07 farm women adopted the recommended technique 3. (i) Knowledge:71.9(After-Before)/Before *100 ii)Production: 66% (iii) Income: 66%
<b>KVK</b> Sonepur	Fingerling production for self-employment	15	31	48	17.5	23.2	38600	58700	1. 2 ha 2. Out of 15 trainees, 3 farmers adopted the recommended technique 3. (i) Knowledge:54.83 (After-Before)/Before *100 ii)Production: 32.57 % (iii) Income: 52.89%
<b>KVK</b> Sonepur	Continuous fish farming	25	13	28	16.8	24.5	34580	62900	1. 1 ha 2. Out of 25 trainees, 4 farmers adopted the recommended technique 3. (i) Knowledge:115 (After-Before)/Before *100 ii)Production: 45.83 % (iii) Income: 81.893%
<b>KVK</b> Sonepur	Supplementary feeding in fish farming	25	38	62	17.8	25.6	37800	64500	1. 3 ha 2. Out of 25 trainees, 10 farmers adopted the recommended technique 3. (i) Knowledge: 63% ii) Production: 43.82 % (iii) Income: 70.63%
<b>KVK</b> Sonepur	Post stocking management in fish farming	25	48	71	14.2	21.3	32900	53880	1. 2 ha 2. Out of 25 trainees, 13 farmers adopted the recommended technique 3. (i) Knowledge: 47.91% ii) Production: 50 % (iii) Income: 66.80%

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<b>KVK</b> Sonepur	Use of vermi-compost as organic manure for fish farming	25	07	12	-	18.2	-	45500	1) 1ha 2) Out of 25 trainees, 03 farmers adopted the recommended technique 3) (i) Knowledge: 71(After-Before)/Before *100 ii) Production: new introduction iii) Income: new introduction
<b>KVK</b> Sonepur	Income generation by integrating pisciculture with seasonal horticulture crops	15	53	79	15.3	24.2	32130	60510	1. 1ha 2. Out of 15 trainees, 08 farmers adopted the recommended technique 3. (i) Knowledge: 49.05(After-Before)/Before *100 ii) Production: 58.16 % iii) Income: 88.32 %
<b>KVK</b> Sonepur	Polyculture of IMC and exotic carps	15	64	83	15.2	23.1	31280	55800	1. 3ha 2. Out of 15 trainees, 07 farmers adopted the recommended technique 3. (i) Knowledge: 29.68% ii) Production: 51.9% (iii) Income: 78.38 %
<b>KVK</b> Sonepur	Seed production of catla and rohu	25	34	67	-	-	-	49000	1. 2ha 2. Out of 25 trainees, 04 farmers adopted the recommended technique 3. (i) Knowledge: 97.05% ii) Production: new introduction iii) Income: new introduction
<b>KVK</b> Sonepur	Magur culture in small and shallow pond	25	18	43	-	12.5	-	58600	1. 1ha 2. Out of 25 trainees, 06 farmers adopted the recommended technique 3. i) Knowledge: 138.88% ii) Production: new introduction (iii) Income: new introduction
<b>KVK</b> Sonepur	Culture practices of desi magur with IMC	25	14	31	-	16.2	-	68900	1. 2ha 2. Out of 25 trainees, 04 farmers adopted the recommended technique 3. (i) Knowledge: 121.42% (ii) Production: new introduction (iii) Income: new introduction

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KVK Sonepur	Use of pheromone traps in pest control (Brinjal)	25	25	65	175	210	35000	68000	1. 1ha 2. Out of 25 trainees, 03 farmers adopted the recommended technique 3. (i) Knowledge: 160% (ii) Production: 20% (iii) Income: 94.3%
KVK Sonepur	Valediction of ITK to control pest and diseases of vegetable crop	25	40	70	180	200	38000	50000	1. 3ha 2. Out of 25 trainees, 05 farmers adopted the recommended technique 3. (i) Knowledge: 75 (ii) Production: 11.11% (iii) Income: 31.58%
KVK Sonepur	Diagnosis and control of different diseases in paddy	25	40	75	34	38	31000	38000	1. 15ha 2. Out of 25 trainees, 14 farmers adopted the recommended technique 3. (i) Knowledge: 87.57%(After-Before)/Before *100 (ii) Production: 11.76 (iii) Income: new introduction
KVK Sonepur	Management of disease and pest in brinjal	25	52	78	185	215	37500	52000	1. 2ha 2. Out of 25 trainees, 08 farmers adopted the recommended technique 3. (i) Knowledge: 50% (ii) Production: 16.22% (iii) Income: 38.67%
KVK Sonepur	Integrated pest management in paddy	25	42	75	35	38.5	31500	35000	1. 18ha 2. Out of 25 trainees, 15 farmers adopted the recommended technique 3. (i) Knowledge: 78.57% (ii) Production: 10% (iii) Income: 11.11%
KVK Sonepur	IPM for pulse crop	25	24	52	6	7.5	21000	26250	1. 12ha 2. Out of 25 trainees, 09 farmers adopted the recommended technique 3. (i) Knowledge: 116.67%(After-Before)/Before *100 (ii) Production: 25% (iii) Income: 25%

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<b>KVK</b> Sonepur	Firsthand knowledge about NPV, Bt and bio-agents	25	20	45	--	--	--	--	1. 0 2. Out of 25 trainees, 04 farmers adopted the recommended technique 3. (i) Knowledge: 125%(After-Before)/Before *100 (ii) Production: - (iii) Income: -
<b>KVK</b> Sonepur	Management of disease and pest in chilli	20	23	65	80	98	64000	78400	1. 3ha 2. Out of 25 trainees, 04 farmers adopted the recommended technique 3. (i) Knowledge: 182.61%(After-Before)/Before *100 (ii) Production: 22.5% (iii) Income: 22.5%
<b>KVK</b> Sonepur	Management of disease and pest in tomato	20	35	65	180	210	90000	105000	1. 5ha 2. Out of 25 trainees, 13 farmers adopted the recommended technique 3. (i) Knowledge: 85.71%(After-Before)/Before *100 (ii) Production: 16.67% (iii) Income: 16.67%
<b>KVK</b> Sonepur	IPM in cole crops	25	21	67	180	195	90000	97500	1. 6ha 2. Out of 25 trainees, 04 farmers adopted the recommended technique 3. (i) Knowledge: 219.05%(After-Before)/Before *100 (ii) Production: 8.33% (iii) Income: 8.33%
<b>KVK</b> Sonepur	Management of insect pest and diseases in pumpkin	25	32	71	150	180	37500	45000	1. 5ha 2. Out of 25 trainees, 04 farmers adopted the recommended technique 3. (i) Knowledge: 121.88%(After-Before)/Before *100 (ii) Production: 20% (iii) Income: 20%
<b>KVK</b> Sonepur	IPM in mango	25	25	67	-	-	-	-	1. 4ha 2. Out of 25 trainees, 08 farmers adopted the recommended technique 3. (i) Knowledge: 168%(After-Before)/Before *100 (ii) Production: - (iii) Income: -

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KVK Sonepur	Rearing of honey bee	15	10	58	-	-	-	-	1. - 2. New enterprise 3. (i) Knowledge: 480% (ii) Production: - (iii) Income: -
KVK Sonepur	Management of diseases in cow pea	25	22	70	65	75	32500	37500	1. 4ha 2. Out of 25 trainees, 15 farmers adopted the recommended technique 3. (i) Knowledge: 218.18% (ii) Production: 15.38% (iii) Income: 15.38%
KVK Sonepur	Management of insect pest in okra	25	20	75	95	115	47500	57500	1. 3.5ha 2. Out of 25 trainees, 16 farmers adopted the recommended technique 3. (i) Knowledge: 275% (ii) Production: 21% (iii) Income: 21%
KVK Sonepur	Management of pest in groundnut	25	25	68	10	15	40000	60000	1. 5ha 2. Out of 25 trainees, 12 farmers adopted the recommended technique 3. (i) Knowledge: 172% (ii) Production: 50% (iii) Income: 50%

**NOTE: This exercise should be conducted by using/developing suitable well-structured questionnaire/ interview schedule implemented to the beneficiaries only.**

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## 5. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Sonepur	Field Day	4	3	81	12	42	15	6	1	-	-	-
Sonepur	Kisan Mela	1	1	72	15	8	5	3	1			
Sonepur	Kisan Ghosthi	2	4	36	-	12	-	2	-			
Sonepur	Exhibition	1	-	-	-	-	-	-	-			
Sonepur	Film Show	14	20	187	23	18	07	1	-			
Sonepur	Method Demonstrations	1	5	32	9	28	4	-	-			
Sonepur	Farmers Seminar	1	1									
Sonepur	Workshop	1	-	-	-	-	-	-	-			
Sonepur	Group meetings	6	3	84	16	10	6	2	-			
Sonepur	Lectures delivered as resource persons	30	32	115	25	34	9	-	-			
Sonepur	Newspaper coverage	02	02	-	-	-	-	-	-			
Sonepur	Radio talks	08	07	-	-	-	-	-	-			
Sonepur	TV talks	2	-	-	-	-	-	-	-			
Sonepur	Popular articles	6	2	-	-	-	-	-	-			
Sonepur	Extension Literature	4	07	-	-	-	-	-	-			
Sonepur	Farm advisory Services	3	-	-	-	-	-	-	-			
Sonepur	Scientific visit to farmers field	10	58	115	23	84	29	-	-			
Sonepur	Farmers visit to KVK	15	47	-	-	-	-	-	-			
Sonepur	Diagnostic visits	29	13	34	06	07	03	2	-			
Sonepur	Exposure visits	1	-	-	-	-	-	-	-			
Sonepur	Ex-trainees Sammelan	1	-	-	-	-	-	-	-			
Sonepur	Soil health Camp	1	-	-	-	-	-	-	-			
Sonepur	Animal Health Camp	1	1	35	5	7	2	2	-			
Sonepur	Agri mobile clinic	1	-	-	-	-	-	-	-			
Sonepur	Soil test campaigns	1	-	-	-	-	-	-	-			
Sonepur	Farm Science Club conveners meet	7	4	36	-	12	-	2	-			
Sonepur	Self Help Group conveners meetings	11	-	-	-	-	-	-	-			
Sonepur	Mahila Mandals conveners meetings	5	-	-	-	-	-	-	-			
Sonepur	Celebration of important days	2	1	-	48		02	-	-			

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# FORMAT 3- MISCELLENIOUS ACTIVITY

**REPORTING PERIOD – 1<sup>st</sup> April, 2009 to 31<sup>st</sup> March, 2010**

## 1 BIO PRODUCTS

KVK Name	Major group/class	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
				No	(kg)		
Sonepur	BIOAGENTS						
Sonepur	BIOFERTILIZERS						
Sonepur	BIO PESTICIDES						

## 2 LIVESTOCK

KVK of KVK	Category	Type	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
				(Nos	Kgs		
Sonepur	Cattle						
Sonepur	Sheep and Goat						
Sonepur	Poultry						
Sonepur	Fisheries						
Sonepur	Others (Specify)	Duckery	Khaki campbell	50	75	7500	17

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

(A) KVK News Letter ((,etc.)

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Sonepur	12.10.2009	quarterly	1000	680

(B) Literature developed/published

KVK Name	Type	Title	Authors name	Number of copies
Sonepur	Extension Bulletin	Phasalara mitra kita	U.K. Behera,T.K. Das	500
Sonepur	Extension Bulletin	Baigana phasalare samanwita roga poka parachalana	U.K. Behera, T.K. Das	500

Please do not change the format of tables.

Please write name of KVK in each row, Please do not use "Enter Key" in table. Use only "Arrow Key" or "Tab Key" or Mouse for moving in Table.

Please do not write unit or text in "Green Coloured cell". Write only numerical figures.

Sonepur	Extension Bulletin	Unnata pranalire surjyamukhi chasa	B. S. Bishoyi, J. Bhuyan	500
Sonepur	Extension Bulletin	Jia khata chasa o ehara byabahara	B. S. Bishoyi, J. Bhuyan	500
Sonepur	Extension Bulletin	Integrated Fish farming	B.R. Samantaray,J. Bhuyan	500
Sonepur	Extension Bulletin	Fry and fingerling production for self employment	B.R. Samantaray,J. Bhuyan	500
Sonepur	Extension Bulletin	Role of SHG in community fish farming	B.R. Samantaray,J. Bhuyan	500

**(C) Details of Electronic Media Produced**

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Sonepur	-	-	-

**4 Activities of Soil and Water Testing Laboratory**

Status of establishment of Lab : Established

Year of establishment : 2004-05

**1. List of equipments purchased with amount :**

KVK Name	Name of the Equipment	Qty.	Cost
Sonepur	-	-	-

**2. Details of samples analyzed so far:**

KVK Name	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
Sonepur	Soil Samples	-	-	-	-
Sonepur	Water Samples	-	-	-	-
Sonepur	Plant Samples	-	-	-	-
Sonepur	Petiole Samples	-	-	-	-

**5 Production and supply of Technological products**

**SEED AND PLANTING MATERIALS**

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type hear SD; For Planting Material type here PM)	Quantity	Unit for quantity of produces (qtl for SD and Nos for PM)	Value (Rs.)	Provided to No. of Farmers
Sonepur	Cereals	Paddy	Lalat,MTU-1001,Sidhanta,Manaswini	SD	156.0		2,80,8008	100
Sonepur	Pulses							

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Please do not write unit or text in "Green Coloured cell". Write only numerical figures.

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type hear SD; For Planting Material type here PM)	Quantity	Unit for quantity of produces (qtl for SD and Nos for PM)	Value (Rs.)	Provided to No. of Farmers
Sonepur	Pulses							
Sonepur	Oilseeds							
Sonepur	Fibers							
Sonepur	Spices							
Sonepur	Plantation crops							
Sonepur	Floriculture							
Sonepur	Forest species							
Sonepur	Fruits	Mango	Amrapalli	PM	1000	1000 no.s	16,500	50
Sonepur	Ornamental crops							
Sonepur	Vegetables	Tomato	BT-10	PM	10,000	10,000	3500	10
Sonepur	Others							

SD – Seed; PM – Planting Material

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

KVK Name	Major group/class	Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
						Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Sonepur	Cereals	Paddy	11.07.09	13.11.09	5	Lalat,MTU- 1001,Sidhanta,Manaswini	Seed(FS)	156	1,10,000	2,80,800	
Sonepur	Cereals										
Sonepur	Pulses										
Sonepur	Pulses										
Sonepur	Pulses										
Sonepur	Pulses										
Sonepur	Pulses										
Sonepur	Oilseeds										
Sonepur	Oilseeds										
Sonepur	Fibers										
Sonepur	Spices & Plantation crops										
Sonepur	Floriculture										
Sonepur	Fruits										
Sonepur	Vegetables										
Sonepur	Others (specify)										

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Please write name of KVK in each row, Please do not use "Enter Key" in table. Use only "Arrow Key" or "Tab Key" or Mouse for moving in Table.

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

KVK Name	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
Sonepur	Vermicompost				
Sonepur	Earth worm				
Sonepur					
Sonepur					
Sonepur					

**8 Performance of instructional farm (livestock and fisheries production)**

KVK Name	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
Sonepur							
Sonepur							

**9 Rainwater Harvesting**

**Training programmes conducted by using Rainwater Harvesting Demonstration Unit**

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

**10 Utilization of hostel facilities**

Accommodation available (No. of beds) :

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Sonepur							
Sonepur							
Sonepur							

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Sonepur							
Sonepur							
Sonepur							
Sonepur							
Sonepur							
Sonepur							
Sonepur							
Sonepur							
Sonepur							
Sonepur							

## 11. Documentation of Innovative technologies at the district level

## 12. Some importance success stories and case studies

### 1. SUCCESS STORY ON COTTON CULTIVATION

Name :- Sri Subrat Kumar Panigrahi

Father's Name :- Sri Bhabani Shankar Panigrahi

Village :- Anandapur, P.O.-Jatasingha

Block :- Biramaharajpur, Dist- Subarnapur.

Enterprise :- Cotton Cultivation.

Sri Subrat Kumar Panigrahi of village Anandapur is an unemployed graduate after completion of his study he could not get a job for his engagement as well as livelihood. His family is of agricultural background and practicing the traditional way of cultivation . He came across the Krishi Vigyan Kendra, Sonepur while searching the ways and means for self employment. The Scientists of KVK, explored the resource base of Sri Panigrahi for self employment. The village Anandapur has on an around 200 acres of

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Black cotton soil which was left uncovered. Sri Panigrahi has 25 Acres of this type of land remain barren round the year. The scientists of K.V.K., Sonepur manage of to convince him to go for cotton cultivation in 5 acres of land. To start the enterprise in Kharif – 2007, KVK, Sonepur in the 1<sup>st</sup> year provided all the technical support by giving training and through frequent field visit. By getting the full technical support from K.V.K., Sonepur he raised the cotton crop successfully by taking the non Bt hybrid variety *Bunny*. He invested on an average of Rs 8000/- per acre and get the average yield of seed cotton of 7 quintal/ac in the first year. He got the net profit of Rs 35,000/- from his 5 acre of barren land. This activity opened the eyes of the other farmers of that village. Then during Kharif 2008, K.V.K., Sonepur had received the grant for conducting the package demonstration on cotton. The demonstration was conducted in village Anandapur in 50 acres of land involving 50 no. of farmers during Kharif 2008 taking the non Bt hybrid variety *Bunny* and with full package of practices. During this year Sri Panigrahi has cultivated 10 acres of cotton. The ploughing, intercultural operation was done mechanically by using tractor and rotavator. The seed was sown at a spacing of 90 cm x 60 cm with a fertilizer does at 120-60-60:: N:P:K kg/ha. The sucking pests were controlled up to 3 months stage by spraying of neem based pesticide. Sri Panigrahi invested Rs 10,000/- per acre and got the average yield of seed cotton 11 quintals/acre and got the net profit of Rs 1,20,000/- from his 10 acres of land. He was quite happy with the return and showed much enthusiasm to grow the crop in the succeeding years with more acreage. The farmers of Anandapur were over whelmed with the profit from cotton. This year 200 acres of barren black cotton soil of the village is under cotton crop and Sri Panigrahi has cultivated his entire 25 acres of land for cotton. Sri Panigrahi is satisfied with the profit getting from cotton crop and taken it as a profession for self employment. This was beyond his imagination that the land remained barren for years together has paid the worth in lakhs. On impressed upon the success of Sri Panigrahi, the fellow farmers of the same village and neighboring villages like Kudapada, Badakhamar are also growing cotton on commercially during this year.(Kharif-2009)

## 2. SUCCESS STORY ON VGETABLE CULTIVATION

**Please do not change the format of tables.**

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**Please do not write unit or text in "Green Coloured cell". Write only numerical figures.**

Name - Mrs. Sandhyarani Rath  
Husband's Name - Sri Manoranjan Rath  
Village - Panisiali  
Block - Sonepur  
GP - S.Kalapathar  
District -Subarnapur

Name of the Enterprise-Vegetable Cultivation

Mrs. Sandhyarani Ratha native of a peri-urban village “Panisiali ” which was adopted by KVK, Sonepur .Her family consisting of six members and having 3.0 acres of land of which one acre in upland and 2 acre in medium land condition. She is having a dug well on her upland. She usually grows paddy in 2 acres of medium land and in one acre of upland. She raises short duration upland paddy during Kharif. After harvest of paddy, she goes for tomato cultivation in 10 decimal of area by lifting water from the dug well. She earns Rs 18000 /- per annum i.e Rs 12000 / - from medium land paddy , Rs 4000 /- from upland paddy during Kharif and 2000 /- from tomato in 10 decimal of area during Rabi season. During off season, she and her husband goes to the near by villages and town in search of daily wage for livelihood support of her family. It was difficult to manage the family within such a low income. During the frequent visit of KVK Scientists to the adopted village Panisiali , Mrs. Rath came in contact with KVK Personnel. She seeks out the suggestion to increase her annual income by utilizing the available resources. The Scientists after exploring the available resources with her family suggested her to go for vegetable cultivation during both the season in one acre of upland. Keeping in view to the interest of Mrs. Rath, KVK has taken her for exposure visit to the near by vegetable growing villages and KVK Instructional farm. Mrs.Rath interacted with the vegetable farmers and enquired about the investment and profit in various vegetables cultivation and the risks associated with these crops. She got convinced and taken up vegetable cultivation in her one acre of upland. With the technical guidance and close supervision she has successfully cultivated vegetable crops both in Kharif and Rabi season. Along with this she also

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had planted 5 nos of papaya plant which helped her to get an additional income of Rs 500/- annually. By adopting the improved packages of practices she is now able to earn profit of Rs 32,000 /- per annum only from vegetable cultivation as well as she could able to meet the vegetable needs of the family. Instead of going outside for wage earning she remained engaged in her own farm and spends time with their family members.

In future she is interested for a trial of off season vegetable cultivation by using plastic tuned shed nets to get more profit. She has also planed to prepare a nursery for meeting the demand of vegetable seedlings. On impressed upon the success of Mrs. Sandhyarani Rath, the fellow farmers of the same village and neighbouring villages like Chasagotha, Lakarma and Arjunpur are enthusiastic to follow her success.

**13. Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem)**

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