

ANNUAL PROGRESS REPORT

April 2014 to March 2015

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Instructions for Filling the Format

1. Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.
2. Do not merge columns, rows.
3. Please repeat the name of KVK in each table in the column “Name of KVK”
4. Do not fill the non-numerical values in numeric field
5. Do not repeat the unit while reporting data as it is already mentioned in the heading row
6. Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit
7. Please mention only standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)
8. Additional relevant information may be provided at the end of Format by creating heading “Additional Information”
9. Also read the instructions mentioned just below the table
10. Your suggestions for improvement in the format for your simplicity as well as data compilation may be given at the end of the format
11. 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.
12. Gray color cells in summary table need not to be filled.
13. Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Rice), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Horse gram, Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).
Vegetable :- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Ladies finger).
Fruits :- Mango, Guava, Custard apple, Pear etc.
Spices :- Black Peeper, Turmeric, Ginger, Cardamom etc.

REPORTING PERIOD – April 2014 to March 2015

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2014-15

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	15	195	
	On Going OFT	4	52	
	Technologies assessed (Completed OFT)	2	26	
	Technologies refined	0	0	
	On farm trials conducted	6	78	
2	Frontline demonstrations			
	Proposed Frontline demonstrations	22	240	
	On Going Frontline demonstrations	4	87	
	FLDs conducted on crops	8	164	
	Area under crops (ha.)	8	51 ha	
	FLD on farm implement and tools	0	0	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	1	52	
	FLD on Fisheries - Finger lings	0	0	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	1	10	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	2	20	
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	20	30	500
	Farm women	6	6	150
	Rural youth	3	6	45
	Extension personnel/ In service	2	4	20
	Vocational trainings	3	6	45
	Sponsored Training	0	0	0
	Total	34	52	260
		No. of programmes	Participants	
4	Extension Programmes	1221	7401	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	170.58	340	
	Planting material produced (nos.)	10500	59	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)	0	0	
	Milk Yield - Cow, Buffelo etc. (in liter)	0	0	
	Fish (Kg.)	0	0	
	Fingerlings (nos.)	0	0	
	Poultry-Eggs (nos.)	0	0	
	Ducks (nos.)	0	0	
	Chicks etc. (nos.)	223	48	

7	Bio Products	Qty	Beneficiaries (nos.)	
	Bio Agents -Earth worm (Kg.)	0	0	
	Trichoderma (kg.)	0	0	
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	8	4	
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)	0	0	
8	Any other significant achievement in the Zone	Nos.	Participants/ beneficiaries	
	Award (Best KVK award and scientist and farmer’s award)	0	0	
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	4	2000	
	KVK News letter	2	1000	
	SAC Meetings conducted	1	22	
	Soil sample tested	0	0	
	Water sample tested	0	0	
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	0	0	
	KVK-KMA (Message and beneficiaries)	56	686	
	Convergence programmes	3	310	
	Sponsored programmes	0	0	
	KVK Progressive Farmers interaction	11	202	
	No. of Technology Week Celebrations	6	620	
	Attended HRD activities organized by ZPD	1	1	
	Attended HRD activities organized by DES	5	8	
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	0	0	
9	Current status of Revolving Funds (Amt. in Rs.) 325551			
10		No. of blocks	No. of villages	
	Outreach of KVK in the District	6	92	
11		ICAR	SAU	Others
	No. of important visitors to KVK (nos.)	4	9	0
12		Working (Yes/No)	No. of Update	
	Status of KVK Website	yes	01	
13		Application received	Application disposed	
	Status of RTI (nos.)	0	0	
14		Query received	Query dissolved	
	Citizen Charter (nos.)	90	90	
15		Working (Yes/No)	No. of programme viewed	
	E-connectivity	0	0	
16		Filled	Vacant	
	Staff Position	10	6	
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	0		
18	Publication received from ICAR /other organization (nos.)	8		
19		Particulars	Organization	
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	Epidemic, Nature problem	Dist.Agriculture Department,department of Pathology, OUAT and ZPD	

GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2014

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
KVK, Sonapur, Odisha	16	-	-	6	3	3	2	6	5	16	10

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
KVK, Sonapur	Programme Coordinator	-	-	-	-	-	-	-	-	-
KVK, Sonapur	Subject Matter Specialist-1 and I/C PC	Surya Narayan Mishra	Entomology	M.Sc. (Ag.)	Entomology	PB -2 (15600 - 39100) with Grade Pay of Rs.6000/-	18320	23.8.2013	Permanent	General
KVK, Sonapur	Subject Matter Specialist-2	Biman Ranjan Behera	Agronomy	M.Sc. (Ag.) PGDEAM	Agronomy	PB -2 (15600 - 39100) with Grade Pay of Rs.6000/-	17610	04.3.2014	Permanent	SC
KVK, Sonapur	Subject Matter Specialist-3	Sasanka Lenka	Ag. Extension	M.Sc.(Ag), MBA-AB, PGDRD	Ag. Extension	PB -2 (15600 - 39100) with Grade Pay of Rs.6000/-	18320	07.3.2014	Permanent	General
KVK, Sonapur	Subject Matter Specialist4	-	-	-	-	-	-	-	-	-
KVK, Sonapur	Subject Matter Specialist5	-	-	-	-	-	-	-	-	-
	Subject Matter Specialist6	-	-	-	-	-	-	-	-	-

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
KVK, Sonapur	Programme Assistant	P. L. Roy	Home sc.	M.Sc. (Home Sc.)	Family Resource Management	PB-1 (9300-34800) with Grade Pay of Rs.4200/-	10130	30.07.2012	Permanent	General
	Farm Manager	-	-	-	-	-	-	-	-	-
KVK, Sonapur	Computer Programmer	Mr.Tanmay Nanda	computer	PGDCA,M.A (Public Add ministration) MBA (Marketing)	Computer	PB - 1 (9300-34800) with Grade Pay of Rs.4200/-	14670	21.7.2009	Permanent	General
KVK, Sonapur	Accountant / Superintendent	Souren Kumar Maharana	Section Officer (Level-II)	BA	BA	PB - 1 (9300-34800) with Grade Pay of Rs.4200/-	13450	31.5.2014	Permanent	General
KVK, Sonapur	Steno-cum-Computer operator	-	-	-	-	-	-	-	-	-
KVK, Sonapur	Driver	Pramod Muduli	Driver-cum-mechanic	10 th	10 th	PB - 1(5200-20200) with Grade Pay of Rs.1900/-	7770	25.9.2013	Permanent	General
KVK, Sonapur	Driver	Durga Prasad Pattnaik	Driver-cum-mechanic	10 th	10 th	PB - 1(5200-20200) with Grade Pay of Rs.1900/-	7315	25.06.2014	Permanent	General
KVK, Sonapur	Supporting staff	Karunakar Singh,	Peon / Watchman	7 th	7 th	PB - 1(5200-20200) with Grade Pay of Rs.1800/-	6290	30.9.2013	Permanent	General
KVK, Sonapur	Supporting staff	Trilochan Nayak	Peon / Watchman	7 th	7 th	PB - 1(5200-20200) with Grade Pay of Rs.1800/-	5200	22.12.2014	Permanent	General

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

KVK Name	Agro-climatic zone	No . of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
KVK, Sonapur	Western Central Table Land Zone	6	96	610,183 (Male- 311,312 and Female -298,871)	74.42	213411 (SC -156219 ST -57192)	81367	1.11 ha.

1.3. 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)
KVK, Sonapur	Gatarkela	2011-12	Sonapur	14	694	75
KVK, Sonapur	Bejpalli	2011-12	Ulunda	15	1050	145
KVK, Sonapur	Babupali	2011	Sonapur	12	360	42
KVK, Sonapur	Yudhistherpur	2011	B.M.pur	43	1170	76
KVK, Sonapur	Palligaon	2011	Ullunda	18	630	73
KVK, Sonapur	Badmal (NICRA)	2010-11	Ulunda	38	750	51

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

KVK Name	THRUST AREA
KVK, Sonapur	Crop Diversification in Upland Condition
KVK, Sonapur	Reclamation of Degraded land and land levelling
KVK, Sonapur	Integrated Nutrient Management practices
KVK, Sonapur	Integrated Disease and Pest Management Practices
KVK, Sonapur	Integrated Weed Management Practises
KVK, Sonapur	Quality seeds and seedlings production
KVK, Sonapur	Income generating activities for rural women/ School dropouts
KVK, Sonapur	Value addition in seasonal vegetables
KVK, Sonapur	Farm mechanization
KVK, Sonapur	Integrated fish farming
KVK, Sonapur	Recycling of farm waste s for compost
KVK, Sonapur	Off season vegetable cultivation for higher return
KVK, Sonapur	Commercial floriculture for income generation
KVK, Sonapur	Promotion of nutritional garden
KVK, Sonapur	Market and production strategies
KVK, Sonapur	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	Location Name of Village & Block
KVK, Sonapur	Soil acidity - Poor knowledge on soil testing and soil health management practises	PRA, Group discussion, exploratory survey	Sonapur,Ullunda,BMpur,Binka
KVK, Sonapur	Application of imbalanced dose of manures and fertilizers in crops	PRA, Group discussion and individual farmers field visit	Sonapur,Ullunda,BMpur,Binka,Tarava,Dunguripalli
KVK, Sonapur	Severe crop weed competition in Kharif upland crops	Response analysis, PRA, diagnostic field visit	Sonapur,Ullunda,BMpur,Tarava,
KVK, Sonapur	Severe incidence of pest and diseases like BPH, YSB, Leaf folder, blast and foot rot in rice	PRA , Group discussion and individual farmers field visit	Sonapur,Ullunda,BMpur,Binka,Tarava,Dunguripalli
KVK, Sonapur	Severe incidence of fruit and shoot borer in Brinjal, YMV in Bean, bacterial wilting in Tomato tabaccocaterpillar in ground nut , cruciferous	Response analysis, PRA, diagnostic field visit	Sonapur,Ullunda,BMpur,Binka,Dunguripalli

	vegetables, thrips in chilli and Tikka disease in Groundnut.		
KVK, Sonepur	Indiscriminate use of pesticides and improper pest management practices	PRA , Group discussion	Sonepur,Ullunda,BMpur,Binka,Tarava,Dunguripalli
KVK, Sonepur	Lack of income opportunities for farm women and rural youth	PRA, Response analysis, Group discussion	Sonepur,Ullunda,BMpur,Binka,Tarava,Dunguripalli
KVK, Sonepur	Under utilization of pond carrying capacity and imbalanced feeding in fish farming	Focus & Group discussion, Response analysis	Sonepur,Binka, Dunguripalli
KVK, Sonepur	Heavy mortality , poor growth and improper stocking density and ratio in pisciculture	Response analysis, PRA, diagnostic field visit	Sonepur,Binka, Dunguripalli
KVK, Sonepur	Inadequate knowledge about nutritional security, post harvest technology and value addition	Group discussion, Response analysis	Sonepur,Ullunda,BMpur,Binka,Tarava,Dunguripalli
KVK, Sonepur	Drudgery of farm women in sowing , weeding , irrigating and harvesting	Focus & Group discussion, Response analysis	Sonepur,Ullunda,BMpur,Binka,Tarava,Dunguripalli
KVK, Sonepur	Meagre group of farmers using agricultural implements.	Response analysis, PRA, diagnostic field visit	Sonepur,Ullunda,BMpur,Binka,Tarava,Dunguripalli
KVK, Sonepur	Preservation and value addition	PRA tools, Diagnostic field visit, group discussion, exploratory survey	Sonepur,Ullunda,BMpur,Binka,Tarava,Dunguripalli

2. On Farm Testing

Note-

* Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.

*Crop name should be spelled correct and standard English name should be used i.e Chick pea in place of gram/chana , Rice in place of Rice/chawal , brinjal in place of egg plant/bhata/baigan etc.

*Don't press enter key to navigate among column use arrow or tab key

*don't add space before or after statement within the table cell

2.1 Information about OFT

KVK name	Year	Season	Problem diagnosis	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farmer's Situation	No. of trials	Results (q/ha)			Net Returns (Rs./ha)			Recommendations
										FP (T1)	RP (T2)	RP (T3)	FP (T1)	RP (T2)	RP (T3)	
Sonepur	2014-15	Khari f	Low yield due to severe infestation of weeds	Assessment of Herbicide in Groundnut (Common OFT)	Assessment	Chemical weed management	Groundnut	Rainfed medium land	13							
Sonepur	2014-15	Khari f	Low yield of Paddy due to heavy infestation of weed	Assessment of Herbicide in transplanted Paddy	Assessment	IWM	Paddy	Rainfed medium land	13	38.0	41.0	43.0	51680	55760	58480	

Sonepur	2014-15	Khari f	Low yield due to cultivation of local scented Rice variety <i>Kalajira</i>	Assessment of aromatic Rice variety <i>Nua Acharmati</i>	Assessment	Varietal substitution	Rice	Rainfed & Irrigated medium land	13	32.0	38.5	-	44800	53900	-	
Sonepur	2014-15	Pre-Rabi	Low yield due to use of Local variety	Assessment of Green gram variety K-851	Assessment	Varietal Substitution	Green gram	Irrigated medium land	13	4.8	7.2	-	24000	36000	-	
Sonepur	2014-15	Khari f	Low yield of rice due to incidence of rice sheath blight	Assessment of Tebuconazole +Trifloxistrobin for the management of sheath blight in paddy	Assessment	IDM	Paddy	Rainfed medium land	13	36.4	42.4	-	22005	29784	-	
Sonepur	2014-15	Khari f	Low yield of groundnut due to	Assessment of new generation fungicides for rust disease in	Assessment	IDM	Groundnut	Irrigated medium	13	Continuing						

			collar rot and rust diseas e	ground nut													
Sone pur	201 4- 15	Ra bi	Low yield of okra due to YMV	Assessme nt of YMV managem ent in okra	Assessm ent	IPM	Okra	Irrigat ed mediu m	13	98. 5	122. 5	-	54000	74200	-		
Sone pur	201 4- 15	Kh arif	Low yield and poor plant stand in brinjal due to partial wilt caused by <i>Vertici llium s p</i>	Assessment of IDM strategy for managemen t of partial wilt in Brinjal	Assessm ent	IDM	Brinja l	Irrigat ed Medi um land/u pland , Rice – veget able syste m	13	134	158	-	65500	83600	-		
Sone pur	201 4- 15	Ra bi	Low yield	Assessment of onion variety “Bhima	Assessm ent	Varie tal evalu ation	Onion	Irrigat ed mediu m	13								

				Super''				land								
Sonepur	2014-15	Rabi	Inadequacies in SMS based information- 1) SMS not in Odiya text 2) too generalized and macro-scale advices 3) non-utility of information by farmers during crop production	Assessment of effectiveness of KVK-KMA in technology transfer (in 6 months)	Assessment	ICAR, 2009	KVK-KMA	Irrigated								

2.2 Economic Performance

KVK name	OFT Title	Parameters				Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)
Sonepur	Assessment of	No. of weeds/m ² ,															

	Herbicide in Groundnut (Common OFT)	Dry wt of weeds/m ² , Weed control efficiency, yield/ha															
Sonepur	Assessment of Herbicide in transplanted Paddy	No. of weeds/m ² , Dry wt of weeds/m ² , Weed control efficiency, yield/ha	3.1, 1.9, 61 %	2.2, 1.1, 73 %	1.8, 0.8, 80%	33500	31800	32200	51680	55760	58480	18180	23960	26280	1.54	1.75	1.81
Sonepur	Assessment of aromatic Rice variety <i>Nua Acharmati</i>	No. of Panicles/m ² , No. of grains/panicle, yield/ha	187,96	200,105	-	31200	32100	-	44800	53900	-	13600	21800	-	1.43	1.67	-
Sonepur	Assessment of Green gram variety K-851	Yield /ha, no of pod/plant	4.8, 42	7.2, 68	-	13000	14500	-	24000	36000	-	11000	21500	-	1.84	2.48	-
Sonepur	Assessment of Tebuconazole +Trifloxitrobin for the management of sheath blight in paddy	Disease severity (%), yield	16 %	2%	-	27500	27800	-	49505	57664	-	22005	29784	-	1.80	2.06	-
Sonepur	Assessment of new generation	Disease Incidence (%), Yield	Continuing														

	fungicides for rust disease in ground nut																
Sonepur	Assessment of YMV management in okra	Disease Incidence (%), Yield	26.6%	6.3%	-	44500	48300	-	98500	122500	-	54000	74200	-	2.21	2.53	-
Sonepur	Assessment of IDM strategy for management of partial wilt in Brinjal	Disease Incidence (%), Yield	18%	3%	-	41700	42800	-	107200	126400	-	65500	83600	-	2.57	2.97	-
Sonepur	Assessment of onion variety "Bhima Super"	Plant height(cm), No. of onions/culm, onion wt.(g)/culm, yield(q/ha),															
Sonepur	Assessment of effectiveness of KVK-KMA in technology transfer (in 6 months)																

2.3 Information about Home Science OFT:

KVK Name	Year	Season	Problem diagnosis	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations
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Sonepur	2014-15	Kharif	Poor milk yield due to vitamin and mineral deficiency	Assessment of vitamin and mineral mixture in milk productivity of Milch cow	Assessment	Nutritional management	Supplementation of vitamin and mineral mixture in milk production of cow	Supplementation of vitamin mineral mixture @ 30gm / day improve the health of cow and milk yield	Homestead	13	
Sonepur	2014-15	Rabi	Distress sale and low return in cole crops	Assessment of cole crops for production of de-hydrated products	Assessment	Value addition	Dehydration of cole crops by dipping in salt solution	Preservation of cole crops by dipping in salt solution @7.5 gm/lit with KMS @150 ppm/lit for 4-6 hours followed by sundrying	Homestead	13	

2.4 Economic Performance Home Science OFT:

KVK name	OFT Title	Performance Indicator / Parameter																					
		Dehyd ration Ratio		Rehydratio n Ratio		Rehydr ation Time		Moisture %		Yield(lit re/day)		SNF %		Fat%		Incrementa l income		Yield(kg/ha)		Net Retur n		Savin g in Rs	BC rati o
		T 1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T 1	T 2	T1	T2	T1	T2	T1	T2		
Sonepur	Assessme nt of vitamin and mineral mixture in milk productiv									4.5	5.0	8.0	8.5	4. 0	4. 1								

	ity of Milch cow																						
Sonepur	Assessme nt of cole crops for productio n of de- hydrated products	-	3. 2: 1	-	1:3.9	-	4 mi n at 45 ° c	42	7														

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
KVK, Sonepur	Farm Mechanization in Agriculture is the potential area of Subarnapur distrcet, so more numbers to be included under the scheme and timely release of subsidy amount to the concerned agency.
KVK, Sonepur	More focus should be on seed treatment and seed treatment campaign in the district.
KVK, Sonepur	Reclamation of problematic soil through soil testing campaign
KVK, Sonepur	INM, PIM, IDM and ICM practices to be followed in a massive scale
KVK, Sonepur	Farmers are realize the problem & accepted the application of neem based pesticides, aware about seed treatment technique, application of yellow sticky trap and need based application of pesticides which control the sucking pests in chilli and needs more refinement the technology.
KVK, Sonepur	As sucking pest is a serious problem in cotton crop farmers are aware about pest monitoring methods for in time application of chemical & botanical pesticides for mass control during sever infestation.

3. Achievements of Frontline Demonstrations

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	Rice	Integrated Pest Management	Use of pheromone trap @50/ha, spraying of neem oil (multineem) @ 2.5 lit/ha at 15 days interval at 30 DAP (twice), use of <i>T. japonicum</i> 50,000/ha (6 times)	Use of pheromone trap for pest monitoring and inundative release of parasites is a eco friendly approach to manage the pest below ETL.	12	45	160
Sonepur	Rice	Integrated Pest Management	Spraying of neem oil @ 2.5lit/ha at 15 days interval at 30 DAP (thrice) & need based alternate spraying of Buprofezin @ 200ml/ha. & follow skip row method of transplanting	Alternate spraying of neem based pesticides which breaks the multiplication rate of the insect population and need based application of Buprofezin manage the pest population below ETL.	11	57	56
Sonepur	Cabbage	Integrated Pest Management	Spraying of neem based pesticides(ozoneem) @ 2.5lt/ha, Installation of pheromone trap @ 50 Nos/ha, Spinosad 2.5SC (1ml / lt of water	Mass trapping of tobacco caterpillar & helicoverpa by use of pheromone trap and alternate spraying of neem pesticides is needs to recommend to the farmers.	14	65	87
Sonepur	Ground nut	Integrated Disease Management	Seed treatment with Benlate @ 2gm/kg seed, Spraying of Chlorothalonil 75% WP @ 750 gm/ha	Seed treatment with Benlate @ 2gm/kg seed and need based application of Chlorothalonil 75% WP @ 750 gm/ha may be recommended to the farmers for popularization of the	09	65	112

				technology			
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Note-

* Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.

*Crop name should be spelled correct and standard English name should be i.e Chick pea in place of gram, Rice in place of Rice , brinjal in place of egg plant etc.

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*don't add space before or after statement within the table cell

3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/ Enterprises	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Sonepur	2014-15	Kharif	Varietal substitution	Demonstration of medium duration Rice variety <i>Hiranyamyee</i>	Rice	<i>Hiranyamyee</i>	1.0	38.0	46.0	21.05	4	-	6	-	10
Sonepur	2014-15	Kharif	Varietal substitution	Demonstration of medium duration Rice variety Sahabghadhan	Rice	Sahabghadhan	1.0	26.0	34.0	30.76	2	-	2	6	10
Sonepur	2014-15	Kharif	Varietal substitution	Demonstration of medium duration hybrid Rice DRH - 748	Hybrid Rice	DRH - 748	2.0	36.0	61.5	70.83	1	-	9	-	10
Sonepur	2014-15	Rabi	Varietal substitution	Integrated Nutrient Management of Hybrid Rice	Hybrid Rice	JKRH-401	2.0	59.4	68.2	23.10	2	-	5	3	10
Sonepur	2014-15	Kharif	IPM	Demonstration on Integrated management of plant hoppers in rice	Rice	Pratikshya	2.0	38.8	44.8	15.46	1	-	8	1	10
Sonepur	2014-15	Kharif	IPM	Demonstration on management sucking pest in cotton	Cotton	Bunny	1.0	21.5	24.8	15.34	3	-	6	1	10

Sonepur	2014-15	Rabi	IPM	Demonstration of Management of fruit fly in bitter gourd	Bittergourd	Long green	1.0	44.5	56.8	27.64	-	-	10	-	10
Sonepur	2014-15	Khari fi	IPM	IPM strategy for the management of yellow stem borer infesting summer paddy	Paddy	Pratikshya	2.0	35.2	42.5	19.57	1	-	9	-	10
Sonepur	2014-15	Rabi	Improved package of practice	Demonstration on improved package practices of greengram	Greengram	PDM-139	5.0	5.2	7.7	48.07	3	2	7	3	15
Sonepur	2014-15	Rabi	Improved package of practice	Demonstration on improved package practises of mustard	Mustard	Anuradha	5.0				4	3	2	6	15
Sonepur	2014-15	Rabi	Improved package of practice	Demonstration on improved package practises of groundnut	Groundnut	Smruti	5.0	18.3	25.7	40.43	4	3	6	2	15

3.3 Economic Impact of FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Sonepur	Demonstration of Rice variety <i>Hiranyamye</i> Fertiliser dose NPK-80:60:60	Rice	No of Panicles/m ² , No. of grains/panicle, yield/ha	201,110	232,126	33100	32800	51680	62560	18580	29760	1.56	1.90

Sonepur	Demonstration of medium duration Rice variety Sahabdagidhan	Rice	No of Panicles/m ² , No. of grains/panicle, yield/ha	167, 87	186,96	29600	29800	35360	46240	5760	16440	1.19	1.55
Sonepur	Cultivtion of hybrid Rice DRH-748, Fertiliser dose NPK-120:60:60/ha	Hybrid Rice	No of Panicles/m ² , No. of grains/panicle, yield/ha	198, 106	262, 145	30800	36840	48960	83640	18160	46800	1.58	2.27
Sonepur	Integrated Nutient Management of Hybrid Rice	Hybrid Rice	No of Panicles/m ² , No. of grains/panicle, yield/ha	253, 140	291, 161	38540	38880	80754	92752	42214	53872	2.09	2.38
Sonepur	Keeping alley after one met. of planting, Installation of spider trap 25/ha, alternate application of Thiomethoxam 25 WG 4 gram/10 lit and buprofezin 25 % SC @ 2 ml/lit at 10 days interval	Rice	Plant hoppers/hill, yield	14	4	29568	30312	52768	60928	23200	30616	1.78	2.01
Sonepur	Demonstration on management sucking pest in cotton	Cotton	Damage leaf %	22.2	7.4	38300	35440	81700	94240	43400	58500	2.13	2.65

Sonepur	Soil application of neem cake 200kg/ha, applying Carbaryl 5% dust @ 25 kg/ha, poison baiting with 10 ml Malathion in one liter water with 50 gm jaggery	Bittergourd	% of fruit damage	11%	2%		26360		68160		41800		2.58
						22600		53400		30800		2.36	
Sonepur	IPM strategy for the management of yellow stem borer infesting summer paddy	Rice	No. of affected tillers per sq. m	12%	3%	28072	29588	47872	58208	19800	28620	1.70	1.96
Sonepur	Demonstration on improved package practices of greengram	Greengram	No. of pods/plant, 1000 seed wt.	17, 24.8	28,31.9	-	-	-	-	8800	16300	1.7	2.1
Sonepur	Demonstration on improved package practices of mustard	Mustard											
Sonepur	Demonstration on improved package practices of groundnut	Groundnut	Plant height, No. of pods/plant	18.2 cm, 19	24.3cm,27	-	-	-	-	14200	31750	1.5	1.9

3.4 Information about Home Science FLDs

KVK name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/Technology/Enterprises	Farming Situation	Proposed area (ha)/nos	No. of Beneficiaries
Sonepur	2014-15	Kharif	IGA	Not following proper method of cultivation	Demonstration on Paddy straw mushroom cultivation	Mushroom	<i>Volvariella volvacea</i>	Home stead	200beds	10
Sonepur	2014-15	Kharif	IGA	Low egg and meat production from Local breed	Demonstration of Banaraja breed as backyard poultry	Poultry	Banaraja	Home stead	150nos	10
Sonepur	2014-15	Rabi	Nutritional security & Small scale income generating enterprises	Food & nutritional insecurity	Demonstration on Kitchen Gardening for household nutrition security	Seasonal Vegetables		Home stead	1ha	25
Sonepur	2014-15	Rabi	IGA	Non Utilization of paddy straw & unemployment	Demonstration of Oyster mushroom cultivation	Mushroom	<i>Pleurotus sajorcaju</i>	Home stead	200beds	10

3.5 Economic Performance Home Science FLDs:

	Technology to be Demonstrated	Performance Indicator / Parameter																					
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(q/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Sonepur	Demonstration on Paddy straw mushroom cultivation											0.70 kg/bed	1.2kg/bed	60/-	70/-	140/-	240/-	0.70kg	1.2kg	80/-	170/-		T1-2.3 T2-3.4
Sonepur	Demonstration of Banaraja breed as backyard poultry											1.75	3.5	350	500	687	1585	-	-	337	1085		T1-1.96 T2-3.17
Sonepur	Demonstration on Kitchen Gardening for household nutrition security											143	172	9215	18504	17390	39500	143	172	8175	20996		T1-1.8 T2-2.13
Sonepur	Demonstration of Oyster mushroom cultivation											.750 kg	1.4 kg	36/-	42/-	60	112	.750kg	1.2 kg	24/-	70/-	-	T1-1.6 T2-2.7

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop/Enterprise	Activity	No. of activities organized	Number of participants	Remarks
Sonepur	Rice	Training, Field day	5	200	
Sonepur	Bittergourd	Training	1	25	

Sonepur	Cotton	Training, Field day	2	75	
Sonepur	Mushroom	Training, Field day	3	100	
Sonepur	Green gram	Training	1	25	
Sonepur	Poultry	Training	1	25	

3.7 Details of FLD on crop hybrids.

S. No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.
-	-	-	-	-	-	-

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Sonepur	Line Transplanting in Rice	Use of transplanter and rope for line transplanting	Maintain optimum plant population and saving inputs	Adoption under different schemes like BGERI
Sonepur	Installation of pheromone trap	Installation of pheromone trap @ 50/ha for mass trapping of head borer & application of	Save the crops from insect and pests, Yield increases	Popularise among farming community
Sonepur	Seed treatment with Benlate	Seed treatment with Benlate, Spraying of Chlorothalonil during vegetative stage	Minimise the infestation rate and save money and time	Mass campaign by KVK with Agril. Dept.
Sonepur	Varietal trials	New varieties appreciated by the farming community due to more yield and income	Possibility for more new varieties	Farmers friendly technology and ensure availability of inputs

Sonepur	Paddystraw and Oyster mushroom cultivation	Methods of cultivation of Rice straw and oyster mushroom	Low cost, time saving method to get more income	More adoption in adopted village and under ATMA programme
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4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Sonepur	Farmers are aware about mass trapping and pest monitoring methods for in time application of chemical & botanical pesticides for mass control during sever infestation.
Sonepur	Farmers are realize the problem & accepted the application of new generation insecticide and apply the neem pesticide during the pest emergence time.
Sonepur	Farmers are aware about seed treatment with bio agents and soil drenching of streptocycline application during the disease emergence.
Sonepur	Farmers are aware about seed & seed bed treatment with fungicides and field application of <i>Cuperoxichloride</i> (Tupgun-DF) during the disease emergence.
Sonepur	Farmers are aware about application of recommended dose of fertilizer, avoid high dose of nitrogenous fertilizer and benefit of zincsulphate @ 25kg/ha application.
Sonepur	Farmers are aware about application of herbicide (pre emergence) Oxyfluorfen @ 0.2-0.25 Kg a.i/ha within three days after seed sowing with soil moisture condition may minimize the weed effectively.
Sonepur	Assessment of FRY-FINGERLING production in small and seasonal shallow ponds
Sonepur	Farmers are happy with the performance of the machine with respect to saving of time, labour and inputs.
Sonepur	Farmers are happy with the technology. Colour has been retained in drying with no off flavour
Sonepur	Farm women are aware about the use of vitamin & mineral mixture on milch cow and satisfied with the result in terms of milk yield/day, SNF% and Fat%

4. 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
Sonepur	Farmer and Farm woman	PRA tools and Group Discussion – Need assessment of farmers and farmer women was done through PRA tools and discussion with them.	Yudhisteirpur,31.09.14	311
Sonepur	Rural youth	PRA tools and Group Discussion – Need assessment of farmers and farmer women was done through PRA tools and discussion with them.	Paligaon;22.07.2014,Bidurpalli;30.04.14,22.05.14,26.06.14,Nuagaon;27.08.14,Yudhisteirpur;19.09.2014,Bejipalli;16.10.2014	34

Sonepur	Category of the training	Methods of need assessment	Badmal;20.06.2014,Bidurpalli;17.07.14,26.09.14,18.12.14,23.12.2014,Babupalli;28.08.2014,29.09.14,28.10.14,13.11.14 Gatarkella;25-27.08.2014 &02-04.09.14	27
Sonepur	Farmer and Farm woman	PRA tools and Group Discussion – Need assessment of farmers and farmer women was done through PRA tools and discussion with them.	Gatarkella 21.01.15,13.02.15	315
Sonepur	Rural youth	PRA tools and Group Discussion – Need assessment of farmers and farmer women was done through PRA tools and discussion with them.	KVK, Subarnapur, 28-30.12.14	30
Sonepur	IS	Group discussion	KVK, Subarnapur, 19.08.2014 & 20-22.11.14	6

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
Thematic Areas for Training	
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

5. TRAINING PROGRAMMES

1. Training programmes should be strictly covered under above mentioned thematic areas only,
2. For category, training type and thematic area, mention code/abbreviations only

Table 5.1. Details of Training programmes conducted by the KVKs

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Sonepur	FW	OFC	CP	Cultivation technology of Fodder Crop	1	1	2	-	3	-	-	-	20	-
Sonepur	FW	OFC	CP	Nursery management in SRI method of paddy cultivation	1	1	-	-	17	-	5	-	3	-
Sonepur	FW	OFC	CP	Fertilizer management in scented Rice cultivation	1	1	-	-	9	-	-	-	16	-
Sonepur	FW	OFC	CP	Integrated weed management in Sugarcane	1	1	2	-	2	-	-	-	21	-
Sonepur	FW	OFC	CP	Integrated weed management in groundnut	1	1	-	-	1	-	-	-	16	8
Sonepur	FW	OFC	CP	Improved cultivation technology of green gram	1	2	-	-	9	-	-	-	16	-
Sonepur	FW	OFC	CP	Production technology of Sugarcane	1	1	-	-	2	-	-	-	23	-
Sonepur	RY	ONC	CP	Seed production techniques in paddy	1	2	1	-	1	-	-	-	13	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Sonepur	FW	ONC	HOP	Home stead farming system model	1	2	-	-	5	-	-	-	13	7
Sonepur	FW	ONC	HOV	Layout and planting method of pointed gourd	1	2	-	-	13	-	-	-	12	-
Sonepur	FW	OFC	HOV	Integrated nutrient management for cabbage and cauliflowers	1	1	-	-	2	-	-	-	23	-
Sonepur	FW	ONC	PLP	Management of sheath blight in paddy	1	2	-	-	9	-	-	-	16	-
Sonepur	FW	OFC	PLP	Management of rust disease in groundnut	1	1	12	2	-	-	-	-	10	1
Sonepur	FW	OFC	PLP	Management of partial wilting in brinjal	1	1	7	-	1	-	-	-	17	-
Sonepur	FW	OFC	PLP	IPM measures for management of BPH in paddy	1	1	-	-	1	-	-	-	24	-
Sonepur	FW	OFC	PLP	Management of phomosis blight in brinjal	1	1	4	-	5	-	-	-	16	-
Sonepur	FW	ONC	PLP	Management of yellow stem bore in summer paddy	1	2	-	-	7	-	-	-	18	-
Sonepur	FW	OFC	PLP	Management of fruit fly in bitter gourd	1	1	2	-	7	-	2	-	14	-
Sonepur	FW	OFC	PLP	IPM measures for management of of wilting in brinjal	1	1	-	-	3	-	-	-	22	-
Sonepur	FW	OFC	PLP	Sucking pest management in cotton	1	1	2	-	8	-	-	-	15	-
Sonepur	FW	ONC	PLP	Precautions for slection of plant protection chemicals and their use	1	2	1	-	4	-	-	-	20	-
Sonepur	FW	ONC	PLP	IPM measures for YMV management in Okra	1	2	1	-	6	-	-	-	17	-
Sonepur	FW	ONC	PLP	Importance and	1	2	-	-	7	-	-	-	18	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				process of seed treatment of different seeds										
Sonepur	RY	ONC	PLP	Importance, preparation and use of pesticidal compost	1	2	-	-	4	-	-	-	11	-
Sonepur	RY	ONC	PLP	IDM measures for management of major diseases of oil seed crop	1	2	-	-	5	-	-	-	10	-
Sonepur	IS	ONC	PLP	IDM measures for management of major diseases of oil seed crop	1	2	3	1	1	-	2	-	7	1
Sonepur	IS	ONC	PLP	IPM measures for management of measure pests of paddy	1	2	2	1	3	1	1	1	4	2
Sonepur	FW	ONC	SFM	Management of micro-nutrient deficiency in paddy	1	2	-	-	8	-	-	-	17	-
Sonepur	FW	ONC	WOE	Production technology of paddy straw mushroom	1	2	-	-	-	6	-	-	-	19
Sonepur	FW	ONC	WOE	Low cost weaning food for nutrition supplement of children	1	2	-	-	-	4	-	-	-	21
Sonepur	FW	ONC	WOE	Proper planning and layout of kitchen garden for nutritional security	1	2	-	-	-	2	-	-	-	23
Sonepur	FW	OFC	WOE	Nutrition & Health management of cow	1	1	-	4	-	5	-	2	-	14
Sonepur	FW	OFC	WOE	Income generation of farm women by cultivation of high yielding marigold variety	1	1	-	-	-	3	-	-	-	22

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Sonepur	FW	OFC	WOE	Care and maintenance of brooding chicks in household situation	1	1	-	2	-	4	-	-	-	19
Sonepur	FW	OFC	WOE	Nursery raising	1	1		2		5		2		16
Sonepur	FW	ONC	WOE	Preparation of pickle from ber	1	2	-	-	-	11	-	-	-	14
Sonepur	RY	ONC	WOE	Preparation of pickle and squash from lemon	1	2	-	1	-	4	-	-	-	10
Sonepur	RY	ONC	WOE	Production technology of oyster mushroom	1	2	-	-	-	3	-	-	-	12
Sonepur	IS	ONC	WOE	Preparation of low cost weaning with locally available food materials	1	2	-	3	-	2	-	1	-	6
Sonepur	RY	ONC	IS	Fodder cultivation for big and small ruminants	1	1	-	-	-	-	-	-	12	3
Sonepur	RY	ONC	IS	In-situ moisture conservation technologies for better land and water management	1	1	-	-	2	-	-	-	13	-
Sonepur	RY	ONC	IS	Rural Entrepreneurships development through income generating activities	1	1		-	-	-	-	-	15	-
Sonepur	RY	ONC	IS	Integrated farming system for sustainable livelihoods	1	2	4	-	1	-	-	-	10	-
Sonepur	RY	ONC	IS	Conservation and Management of Natural Resources	1	2	1	1	7	1	1	1	2	1
Sonepur	RY	ONC	IS	Agro-forestry model and its importance on livelihood	1	2	-	-	6	-	-	-	9	-
Sonepur	IS	ONC	IS	Formation of farmers club and federation	1	2	3	-	2	-	2	-	3	-

Table 5.2. 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							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
Sonepur	Organic Farming for Sustainable Agriculture	Crop	IGA	5	1	-	2	-	-	-	12	-
Sonepur	Integrated Farming System in Western Odisha	Crop and enterprise	IGA	5	4	-	1	-	-	-	10	-
Sonepur	Importance of Vermicompost and method of preparation	Enterprise	IGA	3	4	-	9	-	-	-	7	-

Table 5.3. 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	Back yard Poultry	50 birds per unit	3	3	
Sonepur	Mushroom Cultivation	75 beds per month	5	4	
Sonepur	Value Addition	20 women in one group	1		

Table 5.4. 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/ RY/ IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Sonepur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table 5.5 Training Programmes for Panchayatiraj Institutions Office-bearers & members

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		

Sonepur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Table 5.6 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	
Sonepur	Cultivation technology of Fodder Crop	25	28	62	32	48	14400	26600	Impact on 1. Area expanded (ha)- 12 2. No. of farmers adopted (no.)= 87 3. 48 % change in knowledge, 57 % production & 51% Income
Sonepur	Nursery management in SRI method of paddy cultivation	25	48	79	145	195	54300	97500	1. Area expanded (ha) 22 2. No. of farmers adopted (no.) 27 3. 64.58% change in knowledge, 19.10% production & 23.63% Income
Sonepur	Fertilizer management in scented Rice cultivation	25	44	78	154	210	56000	95400	1. Area expanded (ha) 17 2. No. of farmers adopted (no.) 24 3. 77% change in knowledge, 6.6% production & 15% Income:
Sonepur	Integrated weed management in Sugarcane	25	32	56	176	210	57400	96500	Impact on 1. Area expanded (ha)- 12 2. No. of farmers adopted (no.)- 17 3. 35 % change in knowledge, 75 % production & 25% Income
Sonepur	Integrated weed management in groundnut	25	48	79	145	195	54300	97500	1. Area expanded (ha) 29 2. No. of farmers adopted (no.) 36 3. 64.58% change in knowledge, 19.10% production & 23.63% Income

Sonepur	Improved cultivation technology of green gram	25	37	76	8.5	10	31500	38000	Impact on 1.Area expanded (ha)- 76 2.No. of farmers adopted (no.)- 126 3.45 % change in knowledge, 66 % production & 76% Income
Sonepur	Production technology of Sugarcane	25	30	68	195	230	54400	87300	1.Area expanded (ha) 0.4 2.No. of farmers adopted (no.)04 3.126% change in knowledge,
Sonepur	Seed production techniques in paddy	15	48	79	145	195	54300	97500	1.Area expanded (ha) 2.0 2.No. of farmers adopted (no.) 03 3.64.58% change in knowledge, 19.10%production & 23.63% Income
Sonepur	Home stead farming system model	25	42	78	23	39	15600	28800	Impact on 1. Area expanded (ha)- 56 2. No. of farmers adopted (no.)- 38 3. 45 % change in knowledge, 26 % production & 16% Income
Sonepur	Layout and planting method of pointed gourd	25	34	66	25	42	16000	31400	Impact on 1. Area expanded (ha)- 48 2. No. of farmers adopted (no.)- 87 3. 41% change in knowledge, 39 % production & 29% Income
Sonepur	Integrated nutrient management for cabbage and cauliflowers	25	36	65	126	212	43000	78000	Impact on 1. Area expanded (ha)- 42 2. No. of farmers adopted (no.)- 65 3. 44.61% change in knowledge, 68.25 % production & 29% Income
Sonepur	Management of sheath blight in paddy	25	28	62	32	48	24400	36600	Impact on 1.Area expanded (ha)- 230 2.No. of farmers adopted (no.)= 87 3.48 % change in knowledge, 57 % production & 51% Income
Sonepur	Management of rust disease in groundnut	25	48	79	145	195	54300	97500	1.Area expanded (ha) 22 2.No. of farmers adopted (no.) 27 3.64.58% change in knowledge, 19.10%production & 23.63% Income
Sonepur	Management of partial wilting in brinjal	25	44	78	154	210	56000	95400	1. Area expanded (ha) 17 2.No. of farmers adopted (no.)24 3.77% change in knowledge, 6.6% production & 15% Income:

Sonepur	IPM measures for management of BPH in paddy	25	28	62	33	49	25400	37600	Impact on 1. Area expanded (ha)- 212 2. No. of farmers adopted (no.)= 76 3. 49 % change in knowledge, 58 % production & 53% Income
Sonepur	Management of phomosis blight in brinjal	25	37	76	8.5	10	31500	38000	Impact on 4. Area expanded (ha)- 76 5. No. of farmers adopted (no.)- 126 6. 45 % change in knowledge, 66 % production & 76% Income
Sonepur	Management of yellow stem bore in summer paddy	25	30	68	195	230	54400	87300	4. Area expanded (ha) 0.4 5. No. of farmers adopted (no.) 04 6. 126% change in knowledge,
Sonepur	Management of fruit fly in bitter gourd	25	32	56	176	210	57400	96500	Impact on 4. Area expanded (ha)- 12 5. No. of farmers adopted (no.)- 17 6. 35 % change in knowledge, 75 % production & 25% Income
Sonepur	IPM measures for management of wilting in brinjal	25	48	79	145	195	54300	97500	4. Area expanded (ha) 29 5. No. of farmers adopted (no.) 36 6. 64.58% change in knowledge, 19.10% production & 23.63% Income
Sonepur	Sucking pest management in cotton	25	32	68	32	45	49500	87600	Impact on 1. Area expanded (ha) 1.0 2. No. of farmers adopted (no.) 07 3. 24.6% change in knowledge, 10.4% production & 14.35% Income
Sonepur	Precautions for selection of plant protection chemicals and their use	25	23	58	156	195	56400	94600	Impact on 1. Area expanded (ha)- 56 2. No. of farmers adopted (no.)- 134 3. 47 % change in knowledge, 43 % production & 33% Income
Sonepur	IPM measures for YMV management in Okra	25	36	72	34	46	15000	24000	Impact on 1. Area expanded (ha)- 134 2. No. of farmers adopted (no.) 230 3. 66 % change in knowledge, 28 % production & 64% Income

Sonepur	Importance and process of seed treatment of different seeds	25	34	66	25	42	16000	31400	Impact on 1.Area expanded (ha)- 48 2.No. of farmers adopted (no.)- 87 3.41% change in knowledge,39 % production &29% Income
Sonepur	Importance, preparation and use of pesticidal compost	15	36	65	126	212	43000	78000	Impact on 1. Area expanded (ha)- 42 2. No. of farmers adopted (no.)- 65 3. 44.61% change in knowledge,68.25 % production &29% Income
Sonepur	IDM measures for management of major diseases of oil seed crop	15	28	62	32	48	24400	36600	Impact on 1.Area expanded (ha)- 230 2.No. of farmers adopted (no.)= 87 3.48 % change in knowledge, 57 % production &51% Income
Sonepur	IDM measures for management of major diseases of oil seed crop	15	38	69	12.5	24	28000	72000	Impact on 1. Area expanded (ha)- 145 2. No. of farmers adopted (no.)- 213 3. 48 % change in knowledge, 61 % production &53% Income
Sonepur	IPM measures for management of measure pests of paddy	15	28	62	33	49	25400	37600	Impact on 4. Area expanded (ha)- 212 5. No. of farmers adopted (no.)= 76 6. 49 % change in knowledge, 58 % production &53% Income
Sonepur	Management of micro- nutrient deficiency in paddy	25	37	76	8.5	10	31500	38000	Impact on 7.Area expanded (ha)- 76 8.No. of farmers adopted (no.)- 126 9.45 % change in knowledge, 66 % production &76% Income
Sonepur	Production technology of paddy straw mushroom	25	30	68	195	230	54400	87300	7.Area expanded (ha) 0.4 8.No. of farmers adopted (no.)04 9.126% change in knowledge,
Sonepur	Low cost weaning food for nutrition supplement of children	25	34	66	25	42	16000	31400	Impact on 4.Area expanded (ha)- 48 5.No. of farmers adopted (no.)- 87 6.41% change in knowledge,39 % production &29% Income

Sonepur	Proper planning and layout of kitchen garden for nutritional security	25	36	65	126	212	43000	78000	Impact on 4. Area expanded (ha)- 42 5. No. of farmers adopted (no.)- 65 6. 44.61% change in knowledge, 68.25 % production & 29% Income
Sonepur	Nutrition & Health management of cow	25	28	62	32	48	24400	36600	Impact on 4. Area expanded (ha)- 230 5. No. of farmers adopted (no.)= 87 6. 48 % change in knowledge, 57 % production & 51% Income
Sonepur	Income generation of farm women by cultivation of high yielding marigold variety	25	38	69	12.5	24	28000	72000	Impact on 4. Area expanded (ha)- 145 5. No. of farmers adopted (no.)- 213 6. 48 % change in knowledge, 61 % production & 53% Income
Sonepur	Care and maintenance of brooding chicks in household situation	25	28	62	33	49	25400	37600	Impact on 7. Area expanded (ha)- 212 8. No. of farmers adopted (no.)= 76 9. 49 % change in knowledge, 58 % production & 53% Income
Sonepur	Nursery raising	25	37	76	8.5	10	31500	38000	Impact on 10. Area expanded (ha)- 76 11. No. of farmers adopted (no.)- 126 12. 45 % change in knowledge, 66 % production & 76% Income
Sonepur	Preparation of pickle from ber	25	30	68	195	230	54400	87300	10. Area expanded (ha) 0.4 11. No. of farmers adopted (no.) 04 12. 126% change in knowledge,
Sonepur	Preparation of pickle and squash from lemon	15	30	68	195	230	54400	87300	13. Area expanded (ha) 0.4 14. No. of farmers adopted (no.) 04 15. 126% change in knowledge,
Sonepur	Production technology of oyster mushroom	15	32	56	176	210	57400	96500	Impact on 7. Area expanded (ha)- 12 8. No. of farmers adopted (no.)- 17 9. 35 % change in knowledge, 75 % production & 25% Income

Sonepur	Preparation of low cost weaning with locally available food materials	15	48	79	145	195	54300	97500	7. Area expanded (ha) 29 8. No. of farmers adopted (no.) 36 9. 64.58% change in knowledge, 19.10% production & 23.63% Income
Sonepur	Fodder cultivation for big and small ruminants	15	32	68	32	45	49500	87600	Impact on 1. Area expanded (ha) 1.0 2. No. of farmers adopted (no.) 07 3. 24.6% change in knowledge, 10.4% production & 14.35% Income
Sonepur	In-situ moisture conservation technologies for better land and water management	15	23	58	156	195	56400	94600	Impact on 4. Area expanded (ha)- 56 5. No. of farmers adopted (no.)- 134 6. 47 % change in knowledge, 43 % production & 33% Income
Sonepur	Rural Entrepreneurships development through income generating activities	15	37	76	8.5	10	31500	38000	Impact on 13. Area expanded (ha)- 76 14. No. of farmers adopted (no.)- 126 15. 45 % change in knowledge, 66 % production & 76% Income
Sonepur	Integrated farming system for sustainable livelihoods	15	30	68	195	230	54400	87300	16. Area expanded (ha) 0.4 17. No. of farmers adopted (no.) 04 18. 126% change in knowledge,
Sonepur	Conservation and Management of Natural Resources	15	30	68	195	230	54400	87300	19. Area expanded (ha) 0.4 20. No. of farmers adopted (no.) 04 21. 126% change in knowledge,
Sonepur	Agro-forestry model and its importance on livelihood	15	32	56	176	210	57400	96500	Impact on 10. Area expanded (ha)- 12 11. No. of farmers adopted (no.)- 17 12. 35 % change in knowledge, 75 % production & 25% Income
Sonepur	Formation of farmers club and federation	10	48	79	145	195	54300	97500	10. Area expanded (ha) 29 11. No. of farmers adopted (no.) 36 12. 64.58% change in knowledge, 19.10% production & 23.63% Income

6. 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	20	8	239	57	85	14	3	2			
Sonepur	Kisan Mela	01	1	220	72	123	74	8	3			
Sonepur	Kisan Ghosthi	14	14	106	35	39	28			Transfer of Technology	IPM, IGA	Critical Stage
Sonepur	Exhibition	01	1	216	112	119	63			Interaction with Farmers Problems	Experience Sharing	
Sonepur	Film Show	60	5	96	42	72	33	5	2	To accelerate their Knowledge	Different crops	Different stage
Sonepur	Method Demonstrations	288	9	41	12	38	19			Dissemination of new technologies	Agril. And allied sector	
Sonepur	Farmers Seminar	04										
Sonepur	Workshop	00										
Sonepur	Group meetings	144	08	142	36	77	25			Sharing their experience	All sectors	
Sonepur	Lectures delivered as resource persons	-	08							On agril. And allied sectors		
Sonepur	Newspaper coverage	12	12							Dissemination of technical knowhow	Select appropriate IGA	
Sonepur	Radio talks	12	04							Upgrade their knowledge		
Sonepur	TV talks	12	06							Mass coverage		
Sonepur	Popular articles	12	04							Mass coverage		
Sonepur	Extension Literature	12	04							Mass coverage		
Sonepur	Farm advisory Services	48	48	215	45	121	43	6	2	Mass coverage		
Sonepur	Scientific visit to farmers field	1080	342	1530	557	856	316	8	5	Mass coverage		
Sonepur	Farmers visit to KVK	1800	1028	426	192	371	39			Mass coverage		
Sonepur	Diagnostic visits	288	74	172	71	125	39	3	2	Upgrade their knowledge		
Sonepur	Exposure visits	02	0									
Sonepur	Ex-trainees Sammelan	02	02	51	13	29	7			To collect feedback and prepare strategies for future raining		
Sonepur	Soil health Camp	04	0							Create awareness for encourage the farmers to go		

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials				
				M	F	M	F	M	F	Purpose	Topic s	Crop Stages
										for soil testing		
Sonepur	Animal Health Camp	04	01	28	7	15		2	1	Create awareness among the people to take appropriate care of animals		
Sonepur	Agri mobile clinic	2	0									
Sonepur	Soil test campaigns	4	0									
Sonepur	Farm Science Club conveners meet	02	02	23		19				Provide door step solution to the farmers		
Sonepur	Self Help Group conveners meetings	08	02		42		24					
Sonepur	Mahila Mandals conveners meetings	0	0									
Sonepur	Celebration of important days (World environment day)	4	3	32	22	29	28	5	2	Experience sharing among the group members		

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

7.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Sonepur		Quarterly	500	500
Sonepur		Quarterly	500	500
Sonepur		Quarterly	500	500
Sonepur		Quarterly	500	500

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Sonepur	Leaflet	Bhendi Phasalare Samanwita Poka Parichalana	Surya Narayan Mishra	500
Sonepur	Leaflet	Chhatu Chasa o Tara Prakriya Karana	Priyambada Lopamudra Ray, Surya Narayan Mishra	500
Sonepur	Leaflet	Dhana Phasalare Khadya sara Abhaba janita	Biman Ranjan Behera, Surya Narayan	500

		Lakhyana O Nirakaran	Mishra,	
		Dhana Chasa		
		Adhika Amala pain Mati Parikhya		
		Pakasala Bagicha		

7.3 Details of Electronic Media Produced

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

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Sonepur	Cereal	Rice	Siddhant	17			
Sonepur	Cereal	Rice	Tejaswini	51.40			
Sonepur	Cereal	Rice	Pratikshya	55			

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Sonepur	Vegetable Seedling	Cauliflower	<i>Early snow ball</i>	6000	1280	Public Sale	
Sonepur	Vegetable Seedling	Cabbage	<i>Pusadrum head</i>	6000	1130		
Sonepur	Vegetable Seedling	Tomato	<i>Utkala raja</i>	6000	1055		
Sonepur	Vegetable Seedling	Chilli	<i>Jwalamukhi</i>	6000	1155		
Sonepur	Vegetable Seedling	Brinjal	<i>Blue star</i>	6000	1030		
Sonepur	Vegetable Seedling	Onion	<i>Agrifound Red</i>	6000	7000		
Sonepur	Vegetable Seedling	Papaya	<i>Red Lady</i>	290	5000		
Sonepur	Vegetable Seedling	Drumstick	<i>PKM-1</i>	250	2500		

8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.) * Name of product should follow same pattern and spelled correct

KVK Name	Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (In Kg)	Qty (In No)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Sonepur	Bio Agents	-	-	-	-	-	-
Sonepur	Bio Agents	-	-	-	-	-	-
Sonepur	Bio Fertilizer	-	-	-	-	-	-
Sonepur	Bio Fertilizer	Vermicompost	2259		11295	11	

8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Breed	Type of Produce	Qty. (kg/qt./litre)	Value (Rs.)	No. of Beneficiaries
Sonepur	Poultry	Banaraja	21 days chick	650	33650	65

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Soil report distributed to the farmers (Nos)
Sonepur	-	-	-	-	-	-	-	-

9.2 Details of water samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Water report distributed to the farmers (Nos)
KVK, Sonepur	-	-	-	-	-	-	-	-

10. 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/ST Participants		
					Male	Female	Total	Male	Female	Total

Sonepur	-	-	-	-	-	-	-	-	-
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11. Utilization of Farmers Hostel facilities

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)	Accommodation available (No. of beds)
Sonepur	-	-	-	-	-	-	-	-

12. Utilization of Staff Quarters facilities

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Sonepur	2010	2012	05	01	SMS Posts are vacant

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Sonepur	19.09.2014	30	<ul style="list-style-type: none"> Extent technical support to farmers to test their soil samples and encourage the farmers to apply soil test based fertilizer Demonstration on line sowing of pulses and oil seeds Monthly meeting to be organised at KVK level including all line departments for better coordination, execution and monitoring of Agriculture and allied activities in the district. Give emphasize on Mushroom cultivation More nos of in service personal training should be organized for the line department officials to upgrade their knowledge. New generation fungicides should be tested for management of blast disease in rice Demonstration of leaf colour chart for fertilizer application in paddy Demonstration on weed management of ground nut and paddy Block wise framers scientists interaction should be conducted before the cropping season Give emphasize on Azolla cultivation for animal and poultry feed should be promoted Demonstration on hybrid tomato and paddy for more yield Demonstration on IPM/IDM measures for management of stem borer, BPH, blast

			disease in paddy
Sonepur	06.12.2014	30	<ul style="list-style-type: none"> • Potential farmers of the integrated farming system need to be studied in the district • More ICT materials to be developed and circulated among the farming community • More focus on problem prioritisation and offered need based technologies to the farming community • KVK should give more priority on model villages, so that a visible impact can be seen in the district • Conduct more numbers of training programme on value addition and IFS for farmers • More involvement of SAC members in the KVK activities • Conduct more awareness programme on animal health camp • Soil health card to be distributed among farmers • Encourage farmers to use paper mill sludge for reclamation of soil • Demonstration on mulching and drip irrigation • Different varieties onion should be tested to find out the suitable varieties for the locality • Zero energy cool chamber should be promoted among the farmers • Flower cultivation should be promoted through large scale demonstration • Minimum two nos farmers fair should be conducted per year at different locations • Scented rice demonstration should be conducted for higher income

14. Status of Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages sent	No. of beneficiary		Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
		Farmers	Ext. Pers.		
Sonepur	76	850	-	Pacific Technology, Nagpur, Maharastra	Plant protection , Agronomy, Horticulture, Home science etc.

15. Status of Convergence with various agricultural schemes (Central & State sponsored)

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Sonepur	ATMA	State	40,000	Farmers Scientists Interaction on	In all six blocks	Conducted two

				agriculture and allied sectors	of the Subarnapur district	no Farmers Scientists Interaction with 100 farmers
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16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Sonepur	30797403918	236142	334307	

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Sonepur	-	-	-	-

18. Details of KVK Agro-technological Park .

a) Have you prepared layout plan, where sent?

S .No.	Name of KVK	Technology park proposal developed(yes/no)	If yes, where sent ? (ZPD/DES/any other, pl. sp.)
1	KVK, Sonepur	-	-

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
KVK, Sonepur	Crop Cafeteria	-
KVK, Sonepur	Technology Desk	-
KVK, Sonepur	Visitors Gallery	-
KVK, Sonepur	Technology Exhibition	-
KVK, Sonepur	Technology Gate-Valve	-

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
-	-	-

19. Farm Innovators- list of 10 Farm Innovators from the District

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Sonepur	Krushna Chandra Meher	Insect Pest Management	Village- Kendumunda G.P- Malikmunda Block- Sonepur District- Subarnapur Distance from KVK- 20 km 9437917724
2	Sonepur	Karam Chand Mohanty	12 Acres Arjun plantation for mulberry production	Village : Gadia, GP: Manikmunda, Block: Sonepur, Mob-9437330900
3	Sonepur	Sarat Narayan Mishra	Poly mulching in Mango Nursery	Village- Kainphul G.P- Mayurudan Block- Sonepur District- Subarnapur Mob: 9437150616
4	Sonepur	Narayan Jena	Vegetable cultivation in Mango orchard	Village: Singhari, GP: Kalapathara, Block: Sonepur Mob-9437706597
5	Sonepur	Jogendra Hota	Farm mechanisation with custom hiring centre at his village	Village: Bhamarpali, GP: Chadeipank, Block: Ulunda Mob-9178971158
6	Sonepur	Basudev Deuri	Integrated Farming System with Horti-Silvi-Pastural System	Village: Bhursapali, GP: Lachipur, Block: Sonepur Mob-9439575303
7	Sonepur	Jogeswar Hota	Mechanised Poultry Farming with Egg production	Village: Analachat, GP;Chadeipank, Block-Ullunda
8	Sonepur	Deb Ji Bhai Patel	Micro Irrigation system in 22 acres sugarcane farm	Village- Khaitikra, GP: Bisimunda, Block: Sonepur, Mob-9937119443
9	Sonepur	Khitisuta Mishra	Farm mechanization with custom hiring centre and hybrid rice cultivation in Kharif and Rabi	Village- Kasurpali Block- Sonepur, Mobile -8658396043 District- Subarnapur
10	Sonepur	Purna Chandra Pradhan	Hybrid Napier Cultivation	Village: Badmal, GP: Chadeipank, Block: Ullanda Mobile-9937129311

20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
1	11.8.2014	24

2	18.09.2014	16
3	8.10.2014	21
4	17.10.2014	18
5	30.10.2014	14
6	26.11.2014	15
7	16.12.2014	17
8	23.12.2014	13
9	2.1.2015	19
10	21.1.2015	22
11	11.2.2015	23

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Sonepur	4	6	17	68

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

22. Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize, if applicable.

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt
-	-	-	-	-

23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1.	Bargarh, Boudh and Sambalpur KVKs	Climate Resilient crops, activity, research finding, adoption of technology	Proper execution of demonstration trials, training, need assessment of training for F & FW, RY, In-service functional

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Sonepur	Prof. Monoranjan Kar Vice Chancellor,	06.12.14	-	OUAT, Bhubaneswar	-	

	OUAT, Bhubaneswar					
Sonepur	Prof. S.S. Nanda Dean, Extension Education, OUAT, Bhubnaeswar	19.09.14 06.12.14 08.01.15	-	OUAT, Bhubaneswar	-	
Sonepur	Prof. Sontosh Kumar Rout DPME, OUAT, Bhubaneswar	06.12.14	-	OUAT, Bhubaneswar	-	
Sonepur	Prof. Rabindra Kumar Das Dean, Student Welfare and Comptroller	06.12.14		OUAT, Bhubaneswar	-	
Sonepur	Sj. Pradeep Maharathi Hon'ble Minister of Agril. Fishery and ARD, Govt. of Odisha	08.01.15			Hon'ble Minister of Agril. Fishery and ARD, Govt. of Odisha	
Sonepur	Sj. Padmanav Behera, MLA, Birmaharajpur	08.01.15			MLA, Birmaharajpur	
Sonepur	Sj. Himansu Sekher Biswal Chairman, Zila Parisada , Subarnapur	08.01.15	-		Chairman, Zila Parisada , Subarnapur	-
Sonepur	Sj. Abhimanyu Kushal Chairman, Fishery Development Cooperative Society, Govt. of Odisha	08.01.15	-		Govt. of Odisha	-
Sonepur	Sri Ravindra Pratap Singh, IAS Collector-cum- District Magistrate Subrnapur	02. 05.14 06.12.14 08.01.15	-		Collector-cum- District Magistrate Subrnapur	-
Sonepur	Mrs. Sara Sharma	19.03.15	-		Superintendent of Police	-

	Superintendent of Police Subarnapur				Subarnapur	
Sonepur	Sj. Bhaskar Chandra Turuk Project Director, DRDA Subarnpur	19.09.14	-		Project Director, DRDA Subarnpur	-
Sonepur	Dr. Bijay Kumar Mohapatra Join Director, Extension Education	16.07.14	-	OUAT, Bhubaneswar	-	-
Sonepur	Prof. Dillip Dora College of Agriculture, OUAT Bhubaneswar	08.01.15		OUAT, Bhubaneswar		
Sonepur	Prof. Kailash Chandra Mohapatra College of Agriculture, OUAT Bhubaneswar	08.01.15		OUAT, Bhubaneswar		
Sonepur	Prof Sangram Swain College of Engineering, OUAT Bhubaneswar	08.01.15		OUAT, Bhubaneswar		
Sonepur	Dr, A.K. Pathak Chief Conservator of Forestry Bolangir	06.12.14			Govt. of Odisha	
Sonepur	Dr Madhumita Das Director, Water Management	06.12.14	DWM, Bhubaneswar			
Sonepur	Sri D. Majhi Director, All India Radio Bolangir	06.12.14			Govt. of India	
Sonepur	Dr. S.C Pradhan Scientists, CRRI,	08.01.15	CRRI, Cuttack			

	Cuttack					
Sonepur	Dr. T.R. Athare Scientist, ZPD unit, ZONE-VII Jabalpur	23.09.14	ZPD unit, Jabalpur, MP			

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Sonepur	14.05.2011	1	8

26. E-CONNECTIVITY

Name of KVK	Number and Date of Lecture delivered from KVK Hub				No. of lectors organized by KVK	Brief achievements	Remarks
	Date	No. of Staff attended	No. of call received from Hub	No. of Call mate to Hub by KVK			
Sonepur	-	-	-	-	-	-	-

27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
1	-	-	-	-

28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
1.	Sonepur	90	90	The queries were mainly on agril. and allied sectors

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Sonepur	Surya Narayana Mishra	SMS (PP) and Programme Coordinator (I/C)	01	
Sonepur	Sasanka Lenka	SMS (Agril. Extension)	02	
Sonepur	Biman Ranjan Behera	SMS (Agronomy)	01	
Sonepur	Tanmay Nanda	Programme Assistant (Computer)	01	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Sonepur	04	05

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Sonepur	Surya Narayana Mishra	SMS (PP) and Programme Coordinator (I/C)	03	
Sonepur	Sasanka Lenka	SMS (Agril. Extension)	02	
Sonepur	Biman Ranjan Behera	SMS (Agronomy)	03	
Sonepur	Tanmay Nanda	Programme Assistant (Computer)	01	
Sonepur	Priyambada Lopamudra Roy	Programme Assistant (HomeSc.)	01	

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Sonepur	05	10

31. Attended HRD Programmes by KVK Staff (Refresher course, Short course, Training programme etc.)

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Remarks
Sonepur	-	-	-	-

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Sonepur	-	-

32. Agri alert report (Epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)

Name of KVK	Alert observed	Particulars	Reported to organization
Sonepur	Severe infestation of cotton pest	Pink boll worm in cotton	District Agril. Deptt.

Sonepur	Diseases in Kendu leaf	Severe fungal diseases in Kendu Leaf	Pathology Deptt. SAU, OUAT, Bhubaneswar
Sonepur	Phylin Damage	Damage mainly field crop like short duration paddy and fruit crops mainly Banana & Papaya due to philin	ZPD and SAU

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Sonepur	Soil health camp	02	100	-
Sonepur	Animal health camp	01	220	Livestock technology
Sonepur	Planting material distribution	01	200	Mango
Sonepur	Farmer's Scientists Interaction	01	50	Oil seed and pulse crops
Sonepur	Seed Treatment Campaign	1	50	Rice

34. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries
Sonepur	Paddy-Sahbhagidhan	5	17

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries
Sonepur	Yam-Gajanan	1	4

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No. of participants
Sonepur	Small and Big Ruminants	5	115

Animal health camps organized

Name of KVK	Number of camps	No. of animals	No. of farmers
Sonepur	2	89	58

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
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Sonepur	Paddy	10	5	17
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Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Seedlings				
Sonepur	Tomato, Okra	40800	2.2	11

Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers
Sonepur	Tricodorma viride, Tricodorma japonicum	50	10	25

Bio-Fertilizer

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers
KVK, Sonepur	-	-	-	-

Vermes Produced

Name of KVK	Vermes Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
Sonepur	10000	1	5	5

Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Sonepur	Paddy-short duration and drought tolerant variety	10	22

Awareness campaign

Name of KVK	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers
Sonepur	5	125	4	120	2	100	1	250	5	1000	5	145

35. Proposal of NICRA

1. Technologies to be Demonstrated

Name of Technology	Name of Crop	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted
Drought Mitigation Measure	Paddy-Sahbhagidhan	10	35	23	30
Short duration Paddy	Paddy-Lalat	5	40	22	14
Green manuring	Dhaincha	5	green manuring		12

2. Proposed Extension Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Field Day	120	30	6	156
Farmer-scientist Interaction	40	30	5	75
Film shows	30	40	4	74

3. Proposed Training Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Training	230	45	10	285

4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status
2013	110 MT/Year/Ac.	Running

5. Proposed Activities for Seed Bank

Established (Years)	Capacity	Current Status
2014	10 qtl.	Running

6. Public Representative/District Administration Visited in NICRA Village

Name of Representative/Officer	Designation	Date of Visit	Any Special Remark by Visitors
S.S. Nanda	Dean, Ouat	19.9.2014	Good remarks

Nitin Soni	RA, Jabalpur	18.01.2015	
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7. Feedback of Farmers for future improvement, if any.

Area, farmers under FLD should be increased; demonstration on farm implements and fishery may be included.

36. Proposed works under NAIP (in NAIP monitoring format)

37. Case study / Success Story to be developed – Two best only in the following format

Name of the KVK, **TITLE, Introduction**, KVK intervention, Output, Outcome, Impact

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	KVK, Sonapur	4	2

Commercially Cultivation of Tissue Culture Banana

Banana cultivation has always a big challenge for Subarnapur district's farmer due to adverse climatic condition. Only a few farmers are bold enough to grow the crop in large areas. Though there are many reasons such as high temperature, strong winds (leaf burn), heavy rainfall or monsoon failure attributed to this, absence of proper marketing channels appears to be the main reason for many farmers to move away from banana cultivation.

Growing tissue culture banana was a dream for Krushna Chandra which turned to reality. He has planted 7500 tissue culture banana(G-9) in his 10 acres land under drip irrigation system. The site selection was based on the geographical situation and the climatic condition. KVK provided the technical knowhow and inputs to the farmer as part of front line demonstration. Regular visits of KVK-scientists keep him encouraged on the banana cultivation. G-9 is popular because it has a relatively good shelf life, is an attractive golden yellow in colour at maturity and is internationally acceptable both as a fresh fruit and in processed form.



Krushna Chandra Meher with Tissue Culture

Krushna chandra is having 13 acres land in a compact patch, out of which 3 acres utilised for sugarcane and 10 acres for babana cultivation. He has prepared his field by tractor and formed furrows for planting at a distance of 5-6 feet interval in furrow. He added required quantities of organic manure, 5 gms of phorate and 200 gm neem cake are applied in each pit. Watering immediately and thereafter is done through drip irrigation. Fertigation starts from 10th day onwards and a detailed fertigation schedule is provided to each plant. The plants are earthed up twice till up to the 75th day up to a height of 1.5 to 2 feet from the ground level. He adapted well to the use of in-line system of drip irrigation, which provides a kind of strip wetting all along the plant row directing the root growth along the wet area. With the tendency of banana roots to grow as long as 1.00 metre and more, quite early, strip wetting helps in feeding the roots better, which in turn gets converted into active plant growth and performance. With an initial investment of Rs. 86,800 per acre these farmers get a yield of 38-40 tonnes per acre which amounts to Rs. 2,00,000 per acre as gross income and a net income of Rs.1,13,200 per acre annually and the benefit cost ratio is 2.3. The cost of establishing drip irrigation system in an acre comes to Rs. 25,000 which can be recovered in the first crop itself.”



Now Krushna Chandra has standardized the harvesting and packing methods locally. The price realization is quite high (at present the fruits are sold for about Rs. 15 per kg at his Kendumunda village). He is trading directly at Sambalpur and Balangir. He is now quite happy with babana cultivation and motivated few neighbour farmer to start tissue culture banana cultivation. The details are stated below:

Economics of Tissue Culture Banana Cultivation in 1 acre			
S. No	Particulars	Expenditure (Rs.)	Income (Rs.)
1.	Field preparation	6250	
2.	Pit formation	4000	
3.	Sucker	15000	
4.	Farm yard manure	36,000	
5.	Neem cake	4800	
6.	Bio fertilizers	2700	
7.	Chemical Fertilizer	6500	
8.	Weeding	5000	
9.	Fertilizers application	3200	
10.	Bunch covering	3350	
11.	Sale of bunches [800 bunches * 250/-]		2,00,000
12.	Total	86,800	2,00,000
	Net Profit		1,13,200

38. 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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