

ANNUAL PROGRESS REPORT

April 2015 to March 2016

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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 2015 to March 2016
Summary of KVK Annual Report (Quantifiable Achievement) for the year 2015-16

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	22	286	
	On Going OFT	4	52	
	Technologies assessed (Completed OFT)	8	104	
	Technologies refined	0	0	
	On farm trials conducted	12	156	
2	Frontline demonstrations			
	Proposed Frontline demonstrations	19	205	
	On Going Frontline demonstrations			
	FLDs conducted on crops	8	80	
	Area under crops (ha.)	8	17ha	
	FLD on farm implement and tools	0	0	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	2	20	
	FLD on Fisheries - Finger lings	0	0	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	2	20	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	1	10	
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers & Farm women	46	72	1150
	Rural youth	6	12	90
	Extension personnel/ In service	6	12	90
	Vocational trainings	3	15	45
	Sponsored Training	1	30	30
	Total	62	141	1405
		No. of programmes	Participants	
4	Extension Programmes	2178	8766	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	140.0		
	Planting material produced (nos.)	30350	72	
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.)	750	76	
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.)	21.5	11
	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)	1	0
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	6	1500
	KVK News letter	4	2000
	SAC Meetings conducted	2	60
	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)	62	10750
	Convergence programmes	3	310
	Sponsored programmes	1	30
	KVK Progressive Farmers interaction	11	202
	No. of Technology Week Celebrations	5	375
	Attended HRD activities organized by ZPD	5	2
	Attended HRD activities organized by DES	10	3
	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.)	6	11 7
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)		Scientist (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	6	16	11

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	Sr. Scientist & Head	-	-	-	-	-	-	-	-	-
KVK, Sonapur	Scientist-1 & I/C Sr. Scientist & Head	Surya Narayan Mishra	Entomology	M.Sc. (Ag.)	Entomology	PB -2 (15600 - 39100) with Grade Pay of Rs.6000/-	18320 + 6000	23.8.2013	Permanent	General
KVK, Sonapur	Scientist-2	Bhadra Parija	Agronomy	M.Sc. (Ag.) PGDEAM	Agronomy	PB -2 (15600 - 39100) with Grade Pay of Rs.6000/-	15600 + 6000	24.4.2015	Permanent	General
KVK, Sonapur	Scientist-3	Geetanjali Pradhan	Horticulture	M.Sc. (Hort)	Floriculture	PB -2 (15600 - 39100) with Grade Pay of Rs.6000/-	15600 + 6000	27.01.2016	Permanent	OBC
KVK, Sonapur	Scientist-4	-	-	-	-	-	-	-	-	-
KVK, Sonapur	Scientist-5	-	-	-	-	-	-	-	-	-
KVK, Sonapur	Scientist-6	-	-	-	-	-	-	-	-	-

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 + 4200	30.07.2012	Permanent	General
KVK, Sonapur	Farm Manager	-	-	-	-	-	-	-	-	-
KVK, Sonapur	Computer Programmer	Tanmay Nanda	Computer	PGDCA, M.A (Public Administration) MBA (Marketing)	Computer	PB - 1 (9300-34800) with Grade Pay of Rs.4200/-	14670 + 4200	21.7.2009	Permanent	General
KVK, Sonapur	Accountant / Superintendent	Souren Kumar Moharana	Section Officer (Level-II)	BA	BA	PB - 1 (9300-34800) with Grade Pay of Rs.4600/-			Permanent	General
KVK, Sonapur	Steno-cum-Computer operator	Manoj Kumar Jena	Steno cum Computer Operator	Graduation, PGDCA, Type & Stenography	Graduation, PGDCA, Type & Stenography	PB - 1(5200-20200) with Grade Pay of Rs.2400/-	5200 + 2400	24.07.2015	Permanent	SC
KVK, Sonapur	Driver	Pramod Muduli	Driver-cum-mechanic	10 th	10 th	PB - 1(5200-20200) with Grade Pay of Rs.1900/-	7770 + 1900	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 + 1900	13.02.2014	Permanent	General
KVK, Sonapur	Supporting staff	Karunakar Singh,	Peon / Watchman	7 th	7 th	PB - 1(5200-20200) with Grade Pay of Rs.1800/-	6480 + 1800	30.9.2013	Permanent	General
KVK, Sonapur	Supporting staff	Trilochan Naik	Peon / Watchman	7 th	7 th	PB - 1(5200-20200) with Grade Pay of Rs.1800/-	5200 + 1800	26.11.2014	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	Yudhisterpur	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 diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	No. of trials	Results (q/ha)			Net Returns (Rs./ha)			Recommendations
										FP (T1)	RP (T2)	RP (T3)	FP (T1)	RP (T2)	RP (T3)	
Sonepur	2015-16	Rabi	Low yield due to severe infestation of weeds	Assessment of Herbicide in Groundnut	Assessment	Integrated weed management	Groundnut	Rainfed medium land	13nos	11.20	17.40	15.10	14760	37620	28480	
Sonepur	2015	Kharif	Severe weed infestation causing low yield	Assessment of early post-emergence weedicide in transplanted rice.	Assessment	Crop production	Paddy	Irrigated	13 nos	38.2	42.8	44.6	23560	28240	29380	
Sonepur	2015	Kharif	Farmer has no knowledge of N fertilizer	Assessment of real time nitrogen management by LCC in rice	Assessment	Soil Fertility Management	Paddy	Irrigated medium land	13 nos	36.10	40.90		15235	24255		

			schedu ling													
Sonepur	2015-16	Pre-Rabi	Low yield due to use of Local variety	Assessment of Green gram variety TARM-1 and HUM-12	Assessment	Varietal Substitution	Green gram	Irrigated medium land	13 nos	4.12	6.94	5.76	16060	35920	27880	
Sonepur	2015	Kharif	Use of tricyclazole do not manage the blast disease	Assessment of fungicides for management blast in kharif rice	Assessment	IDM	Paddy	Irrigated low land	13 nos	36.4	41.8	40.6	21220	26240	24980	
Sonepur	2015	Kharif	Low yield of bitter gourd due to fruit fly infestation	Assessment of IPM measures for management of fruit fly in bitter gourd	Assessment	IPM	Bitter gourd	Irrigated medium land	13 nos	58.40	64.80	-	43680	49160	-	
Sonepur	2015-16	Rabi	Low yield due to high infestation of fruit & shoot borer in okra	Assessment of insecticides for management of fruit & shoot borer in okra	Assessment	IPM	Okra	Irrigated medium land	13 nos	56.80	69.40	-	32500	41100	-	
Sonepur	2015-16	Rabi	Low yield in caulifl	Assessment of IPM measures for	Assessment	IPM	Cauliflower	Irrigated	13 nos	148	162	-	84400	95600	-	

			ower due to tobacco caterpillar infestation	management of tobacco caterpillar in Cauliflower												
Sonepur	2015-16	Kharif	Less number of seedling production	Assessment of walk-in tunnel poly house for seedling raising	Assessment	Hi-tech Horticulture	Vegetable seedling	Irrigated medium land	5nos				Continuning			

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 Herbicide in Groundnut	No. of weeds/m ² , Dry wt of weeds/m ² , Weed control efficiency, yield/ha, B:C ratio.	35,154,-,11.20,1.53	8,33,88,17.40,2.32	15,65,83,15.10,1.98	27800	42560	28900	42560	66120	57380	14760	37620	28480	1.53	2.32	1.98
Sonepur	Assessment of early post-emergence weedicide in transplanted rice.	No. of weed / sq.m., Weed control efficiency, Yield (t/ha), B:C ratio.	-	2.2	1.8,3.1	29600	31800	32200,33500	37935	57780	60210,51570	8335	25980	28010,18070	1.28	1.81	1.87,1.54
Sonepur	Assessment of real time nitrogen management by	Numbers of panicles/m ² , Grains per panicle, yield (qt/ha), B:C ratio	253,112,36.1,1.45	269,123,40.9,1.78		33500	30960		48735	55215		15235	24255		1.45	1.78	

	LCC in rice																
Sonepur	Assessment of Green gram variety TARM-1 and HUM-12	Yield /ha, no of pod/plant, no of seed/pod, B:C Ratio	4.12, 38,1.95	6.94, 65,2.83	5.76, 59, 2.53	16900	19600	18200	32960	55520	46080	16060	35920	27880	1.95	2.83	2.53
Sonepur	Assessment of fungicides for management blast in kharif rice	Diseases incidence (%), yield (qt/ha) , B:C ratio	21.80 36.4	4.6 41.8	8.24 40.6	26100	28100	27800	47320	54340	52780	26100	28100	27800	1.81	1.93	1.89
Sonepur	Assessment of IPM measures for management of fruit fly in bitter gourd	Yield (q/ha), B:C ratio	52.80	58.40	-	26400	28600	-	70080	77760	-	43680	49160	-	2.65	2.71	-
Sonepur	Assessment of insecticides for management of fruit & shoot borer in okra	Percentage of fruit and shoot borer infestation, Yield, (qt/ha), B:C ratio	21 % 56.8	3% 69.4	-	24300	28300	-	56800	69400	-	32500	41100	-	2.33	2.45	-
Sonepur	Assessment of IPM measures for management of tobacco caterpillar in Cauliflower	Pest incidence, yield qt/ha, B:C ratio	18 %	4%	-	63800	66400	-	148000	162000	-	84200	95600	-	2.31	2.43	-
Sonepur	Assessment of walk-in tunnel poly house for seedling raising	Yield, Net income, B:C ratio						Continui ng									

2.3 Information about Home Science OFT:

KVK Name	Year	Season	Problem diagnose	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
Sonepur	2015	Kharif	No suitable	Assessment of Paddy	Assessment	Income generation	T ₂ :Use of horse gram	Cultivation of paddy straw mushroom by	Home stead	13 nos	

			alternati ve of feeding material leading to higher cost of cultivati on	straw mushroom by using different feeding material		activity	flour as feeding material T ₃ :Use of rice bran as feeding material	using paddy straw mushroom spawn, feeding material(gram flour, horse gram flour, rice bran			
Sonepur	2015	Kharif	High drudger y due to use of tradition al winnow ing basket(kula)	Assessment of paddy winnowers for drudgery reduction	Assessment	Drudgery reduction	T1 : Use of traditional winnowing basket(kula) T2: Use of hand operated fan type winnowers	Use drudgery reducing technology (paddy winnower) to separate chaff from paddy	Home stead	13 nos	
Sonepur	2015-16	Rabi	Poor milk yield due to non-availabi lity of green fresh fodder	Assessmen t of different fodder crops for improving milk yield	Assessment	Livestock managem ent	T ₂ : Cultivation of oat and cattle feeding with oats T ₃ : Cultivation of berseem and cattle feeding with berseem T ₄ : Cultivation of hybrid napier and cattle feeding with hybrid	T ₂ : Cultivation of oat and cattle feeding with oats T ₃ : Cultivation of berseem and cattle feeding with berseem T ₄ : Cultivation of hybrid napier and cattle feeding with hybrid napier	Home stead	13 nos	

							napier				
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2.4 Economic Performance Home Science OFT:

KVK name	OFT Title	Performance Indicator / Parameter																					
		Output kg/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield (kg/bed)		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	Assessment of Paddy straw mushroom by using different feeding material											1.1	1.2, 0.75	65	55, 45	165	180, 112	1.1	1.2, 0.75	100	125, 67	-	2.53, 3.27, 2.48
Sonepur	Assessment of paddy winnowers for drudgery reduction	30	48	9.72	11.63	116	128	-	25.2	-	60												
Sonepur	Assessment of different fodder crops for improving milk yield	Continuing...																					

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
KVK, Sonapur	Farm Mechanization in Agriculture is the potential area of Subarnapur district, so more numbers to be included under the scheme and timely release of subsidy amount to the concerned agency.
KVK, Sonapur	More focus should be on seed treatment and seed treatment campaign in the district.
KVK, Sonapur	Reclamation of problematic soil through soil testing campaign
KVK, Sonapur	INM, PIM, IDM and ICM practices to be followed in a massive scale
KVK, Sonapur	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, Sonapur	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
Sonapur	Rice	Varietal substitution	Demonstration of Rice variety <i>Hiranyamyee</i> Fertiliser dose NPK-80:60:60	Demonstration of Rice variety <i>Hiranyamyee</i> Fertiliser dose NPK-80:60:60	3	18	12
Sonapur	Rice	Varietal substitution	Demonstration of medium duration Rice variety Sahabgadhian	Demonstration of medium duration Rice variety Sahabgadhian	12	108	52

Sonepur	Hybrid Rice	Varietal substitution	Cultivtion of hybrid Rice DRH-748, Fertiliser dose NPK-120:60:60/ha	Cultivtion of hybrid Rice DRH-748, Fertiliser dose NPK-120:60:60/ha	7	54	81
Sonepur	Hybrid Rice	Nutrient Management	Integrated Nutient Management of Hybrid Rice	Integrated Nutient Management of Hybrid Rice	5	37	24
Sonepur	Rice	IPM	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	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	8	58	32
Sonepur	Cotton	IPM	Demonstration on management sucking pest in cotton	Demonstration on management sucking pest in cotton	3	46	12
Sonepur	Bittergourd	IPM	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	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	14	115	69
Sonepur	Paddy	IPM	IPM strategy for the management of yellow stem borer infesting summer paddy	IPM strategy for the management of yellow stem borer infesting summer paddy	22	245	122
Sonepur	Greengram	Improved package of practice	Demonstration on improved package practices of greengram	Demonstration on improved package practices of greengram	18	212	76
Sonepur	Mustard	Improved package of practice	Demonstration on improved package practices of mustard	Demonstration on improved package practices of mustard	2	25	14
Sonepur	Groundnut	Improved package of practice	Demonstration on improved package practices of groundnut	Demonstration on improved package practices of groundnut	7	85	50
Sonepur	Mushroom	IGA	Demonstration on Paddy straw mushroom cultivation	Demonstration on Paddy straw mushroom cultivation	9	36	-
Sonepur	Poultry	IGA	Demonstration of Banaraja breed as backyard poultry	Demonstration of Banaraja breed as backyard poultry	6	78	-
Sonepur	Seasonal Vegetables	Nutritional security & Small scale income generating enterprises	Demonstration on Kitchen Gardening for household nutrition security	Demonstration on Kitchen Gardening for household nutrition security	2	15	3
Sonepur	Mushroom	IGA	Demonstration of Oyster mushroom cultivation	Demonstration of Oyster mushroom cultivation	3	14	-

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	2015	Kharif	Varietal evaluation	Demonstration of hybrid rice variety DRH-748	Rice	DRH-748	2ha	49.7	61.5	23.74	2	0	8	-	10
Sonepur	2015	Kharif	Varietal evaluation	Demonstration of sweet corn var. Madhuri	Maize	Madhuri	2ha	21	36	71.43	1	0	9	-	10
Sonepur	2015	Pre-rabi	Improved package of practice	Demonstration of sesamum under nutrient management practice	Sesamum	Geetanjali	2ha	2.8	4.1	46.43	3	0	7	-	10
Sonepur	2015-16	Rabi	Improved package of practice	Demonstration of Black gram variety OBG-31 under nutrient management practice	Black gram	OBG-31	2ha	3.2	4.8	50	2	4	4		10
Sonepur	2015	Kharif	IDM	Demonstration of management of sheath blight in paddy	Rice	Pratikshya	2ha	41.60	49.30	18.50	2	0	3	5	10

Sonepur	2015	Kharif	IPM	Demonstration of IPM measures for fruit and shoot borer in brinjal	Brinjal	Blue star	1ha	156	192	23.10	4	0	6	0	10
Sonepur	2015-16	Rabi	IPM	Demonstration of pheromone trap for management of fruit fly in mango	Mango	Amrapalli, Dusheri, Bombay green	5 ha	96	118	22.90	3	0	2	5	10
Sonepur	2015-16	Rabi	IPM	Demonstration of IPM measures for management of Leaf minor in Tomato	Tomato	Laxmi	2ha	258	294	13.95	4	0	4	2	10
Sonepur	2015-16	Round the year	Production & management	Demonstration on production technology of Vermicompost	Vermicompost	<i>Aesenia foetida</i>	10	-	10 qt/pit/year	-	6	0	2	2	10
Sonepur	2015-16	Rabi	Improved package of practice	Improved package of practice including seed treatment with pesticides/fungicides/bio-fertilizers	Green gram	Tarm-1	5 ha	4.1	6.4	56.09	5	0	6	4	15
Sonepur	2015-16	Rabi	Improved package of practice	Improved package of practice including seed treatment with pesticides/fungicides/bio-fertilizers	Mustard	M-27	5 ha	3.3	5.1	54.55	3	0	5	7	15
Sonepur	2015-16	Rabi	Improved package of practice	Improved package of practice including seed treatment with pesticides/fungicides/bio-fertilizers	Ground nut	Smruti	5 ha	11.3	15.6	38.05	4	0	8	3	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 hybrid rice variety DRH-748	Rice	Panicles / sq.m	204,119	262,145	35800	36840	67592	83640	31792	46800	1.88	2.27
			Grains / panicle										
Sonepur	Demonstration of sweet corn var. Madhuri	Maize	No. of cobs/plant, No. of rows/cob	2, 8	4,11	19500	23600	28340	35690	8840	12360	1.45	1.51
Sonepur	Demonstration of sesamum under nutrient management practice	Sesamum	No. of pods/ plant	13	21	15610	18756	28765	42550	13155	23794	1.84	2.27
Sonepur	Demonstration of Black gram variety OBG-31 under nutrient management practice	Black gram	No. of pods/ plant	36	55	14340	17500	25600	38400	11260	20900	1.79	2.19
Sonepur	Demonstration of management of sheath blight in paddy	Rice	Disease infestation	22 %	6 %	27600	29200	54080	64090	26480	37890	1.95.	2.19
Sonepur	Demonstration of IPM measures for fruit and shoot borer in brinjal	Brinjal	Infested plant part	23 %	3 %	44800	48300	109200	134400	64400	86100	2.44	2.78
Sonepur	Demonstration of pheromone trap for management of fruit fly in mango	Mango	Infested fruit	16 %	2 %	92000	106000	288000	354400	196000	248400	3.13	3.34
Sonepur	Demonstration of IPM measures for management of Leaf minor in Tomato	Tomato	Infested leaves	24 %	06 %	48200	51600	129000	147000	80,800	95400	2.67	2.84

Sonepur	Demonstration on production technology of Vermicompost	Vermicompost	-	-	-	-	1200	-	5250	-	4050	-	3.38
Sonepur	Improved package of practice including seed treatment with pesticides/fungicides/bio-fertilizers	Green gram	Yield	5.7	8.10	22,600	28910	45600	64800	23000	35890	2.01	2.24
Sonepur	Improved package of practice including seed treatment with pesticides/fungicides/bio-fertilizers	Mustard	Yield	6.1	8.4	24100	30800	61000	84000	36900	53200	2.53	2.73
Sonepur	Improved package of practice including seed treatment with pesticides/fungicides/bio-fertilizers	Ground nut	Yield	9.2	19.67		Continuing						

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	2015	Kharif,	Post-harvest Management	Lack of storage facility & Post harvest loss	Demonstration of zero energy cool chamber for vegetable storage to reduce post harvest loss	Vegetables	Vegetables (Tomato Pointed gourd Okra Brinjal)	Homestead	2 nos.	10
Sonepur	2015	Kharif,	IGA	Low egg and meat production from Local breed	Demonstration of Banaraja in backyard	Poultry	Banaraja	Homestead	130 nos.	10
Sonepur	2015	Kharif,	Nutritional	Poor milk yield due to	Demonstration of vitamin- mineral	Livestock	Livestock	Homestead	10 nos.	10

			management	vitamin and mineral deficiency	mixture for milk productivity of milch cow					
Sonepur	2015-16	Rabi-	IGA	Un employment & non utilization of paddy straw	Demonstration on Oyster mushroom cultivation for income generation	Mushroom	<i>Pleurotus sajorcaju</i>	Homestead	200 bed	10

3.5 Economic Performance Home Science FLDs:

	Technology to be Demonstrated	Performance Indicator / Parameter																					
		Yield(litre/day)		SNF %		Fat%		Loss in wt (gm)		Duration of storage (days)		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 of zero energy cool chamber for vegetable storage to reduce post harvest loss							18.6, 32.3, 14.0, 18.1	4.4, 3.9, 5.0, 6.5	6, 2, 1, 4	14, 5, 6, 8												
Sonepur	Demonstration of Banaraja in backyard											1.75	3.5	350	500	687	1585	-	-	337	1085		T1-1.96 T2-3.17
Sonepur	Demonstration of vitamin-mineral mixture for milk productivity	4.5	5.0	8.0	8.5	4.0	4.1																

	of milch cow																						
Sonepur	Demonstration on Oyster mushroom cultivation for income generation											.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	9	225	
Sonepur	Maize	Training	1	25	
Sonepur	Sesamum	Training	1	25	
Sonepur	Black ram	Training	1	25	
Sonepur	Brinjal	Training	2	50	
Sonepur	Mango	Training	1	25	
Sonepur	Tomato	Training	1	25	
Sonepur	Vermicompost	Training	1	25	
Sonepur	Cauliflower	Training			
Sonepur	Green gram	Training, Field day	3	100	
Sonepur	Mustard	Training, Field day	2	100	
Sonepur	Ground nut	Training, Field day	4	150	

Sonepur	Mushroom	Training	2	50	
Sonepur	Poultry	Training	1	25	
Sonepur	Livestock	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

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.

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
KVK, Subarnapur	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,29.09.14	311
KVK, Subarnapur	Rural youth	PRA tools and Group Discussion – Need assessment of farmers and farmer women was done through PRA tools and discussion with them.	Paligaon;16.07.2014,Bidurpalli;11.04.14,15.05.14,26.06.14,Nuagaon;14.08.14,Yudhisteirpur;11.09.2014,Bejipalli;12.10.2014	34
KVK, Subarnapur	Category of the training	Methods of need assessment	Badmal;17.06.2014,Bidurpalli;13.07.14,19.09.14,26.12.14,23.12.2014,Babupalli;18.08.2014,29.09.14,20.10.14,23.11.14 Gatarkella;17-19.08.2014 &20-22.08.14	27
KVK, Subarnapur	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.		315

KVK, Subarnapur	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
KVK, Subarnapur	IS	Group discussion	KVK, Subarnapur, 9.08.2014 & 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	Reclamation of acid soils	1	2	1	-	10	-	-	-	14	-
Sonepur	FW	OFC	CP	Techniques to use Customized Leaf Colour Chart for N-fertilizer application in rice	1	1	4	-	5	-	-	-	16	-
Sonepur	FW	OFC	CP	Brown manuring techniques in paddy	1	1	-	-	5	-	-	-	20	-
Sonepur	FW	OFC	CP	Production technology of aerobic rice	1	1	5	-	-	-	-	-	20	-
Sonepur	FW	OFC	CP	Water and Weed Management in SRI cultivation	1	1	-	-	10	-	1	-	14	-
Sonepur	FW	OFC	CP	Production technology of sweet corn	1	2	2	-	5	-	-	-	18	-
Sonepur	FW	OFC	CP	Micronutrient application for improving groundnut production	1	2	-	-	3	-	-	-	22	-
Sonepur	FW	OFC	CP	Improved cultivation technology of Sesamum	1	2	-	-	5	-	-	-	20	-
Sonepur	FW	OFC	CP	Improved cultivation technology of summer moong	1	1	4	-	5	-	-	-	16	-
Sonepur	FW	OFC	CP	Integrated weed	1	2	-	-	10	-	1	-	14	-

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
				management in ground nut										
Sonepur	FW	OFC	CP	Harvesting techniques and post harvest management of green gram	1	2	1	-	10	-	-	-	14	-
Sonepur	RY	ONC	CP	Integrated Rice-based Farming System	1	2	-	-	-	-	-	-	15	-
Sonepur	IS	ONC	CP	New generation herbicide for controlling weeds in field crops	1	2	2	2	3	-	-	-	8	-
Sonepur	FW	ONC	SFM	Soil sample collection technique	1	2	4	-	5	-	-	-	16	-
Sonepur	FW	ONC	SFM	Management of micro-nutrient deficiency in paddy	1	2	-	-	10	-	1	-	14	-
Sonepur	FW	ONC	SFM	Production technology of vermicompost	1	2	1	-	10	-	-	-	14	-
Sonepur	FW	ONC	HOP	Home stead farming system model	1	2	1	-	4	1	-	-	17	2
Sonepur	FW	OFC	HOV	Nursery raising techniques for cultivation of kharif tomato	1	2	-	-	7	-	-	-	18	-
Sonepur	FW	OFC	HOV	Improved methods of brinjal production	1	2	5	-	2	-	-	-	18	-
Sonepur	FW	OFC	HOV	Improved methods and cultivation practices of pointed gourd and cucur bits	1	2	3	-	6	-	1	-	15	-
Sonepur	FW	OFC	PLP	Management of sheath blight in paddy	1	2	-	-	4	3	2	1	12	3
Sonepur	FW	ONC	PLP	Management of fruit fly in cucurbits	1	2	-	-	2	1	-	-	17	5
Sonepur	FW	ONC	PLP	IPM measures for	1	1	-	-	5	1	-	-	16	3

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
				management of sucking pest management in cotton										
Sonepur	FW	ONC	PLP	IPM measures for management of BPH/WBPH in paddy	1	1	-	-	13	-	-	-	12	-
Sonepur	FW	OFC	PLP	Management of phomosis blight in brinjal	1	1	-	-	-	5	-	1	12	7
Sonepur	FW	ONC	PLP	Importance and method of seed treatment	1	2	1	-	3	2	-	-	19	-
Sonepur	FW	ONC	PLP	Management of fungal disease in ground nut	1	2	4	-	4	-	-	-	17	-
Sonepur	FW	ONC	PLP	ITK strategy for management of stem borer in summer paddy	1	2	-	-	5	-	-	-	11	9
Sonepur	FW	ONC	PLP	IDM measures for management of wilting in brinjal	1	1	4	-	-	-	-	-	21	-
Sonepur	FW	ONC	PLP	IPM measures for management powdery mildew in pulses	1	2	-	-	4	-	1	-	20	-
Sonepur	FW	OFC	PLP	Management of leaf minor in tomato	1	2	3	1	8	-	-	-	8	5
Sonepur	RY	ONC	PLP	Production and use of plant products for pest control	1	3	-	-	2	-	-	-	13	-
Sonepur	IS	ONC	PLP	IPM measures for management of stem borer in paddy	1	2	-	5	-	4	-	-	2	4
Sonepur	FW	ONC	WOE	Production technology	1	2	-	1	-	13	-	-	-	11

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
				of paddy straw mushroom										
Sonepur	FW	OFC	WOE	Backyard rearing of poultry breed Banaraja	1	1	-	-	-	1	-	-	-	24
Sonepur	FW	OFC	WOE	Use of zero energy cool chamber for storage of vegetables	1	1	-	1	-	3	-	-	-	21
Sonepur	FW	OFC	WOE	Importance and use of vitamin & mineral mixture in milk productivity of milch cow	1	1	-	-	-	4	-	-	-	21
Sonepur	FW	OFC	WOE	Kitchen gardening for nutritional security	1	1	-	-	-	15	-	-	-	10
Sonepur	FW	ONC	WOE	Production technology of oyster mushroom	1	2	-	-	-	6	-	1	-	18
Sonepur	FW	ONC	WOE	Techniques of using women friendly tools and implement for drudgery reduction	1	2	-	-	-	4	-	-	-	21
Sonepur	FW	ONC	WOE	Rearing of backyard duckery through Khaki Campbell	1	2	-	-	-	3	-	-	-	22
Sonepur	FW	OFC	WOE	Nutritional requirement & low cost diet for pre school children	1	1	-	-	-	2	-	-	-	23
Sonepur	FW	ONC	WOE	Preparation of different value added products from tomato	1	2	-	-	-	9	-	-	-	16
Sonepur	FW	OFC	WOE	Importance and use of fodder as cattle feed	1	1	-	-	-	25	-	-	-	-
Sonepur	FW	ONC	WOE	Preparation of dehydrated products from cole crops	1	2	-	2	-	4	-	-	-	19
Sonepur	RY	ONC	WOE	Nutritional requirement	1	2	-	3	-	1	-	-	-	11

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
				& low cost diet for pre school children										
Sonepur	IS	ONC	WOE	Nutritional care of farm women during pregnancy and lactation	1	2	1	3	4	-	-	-	4	3
Sonepur	RY	ONC	IS	Fodder cultivation for big and small ruminants	1	1	4	-	1	-	-	-	20	-
Sonepur	RY	ONC	IS	In-situ moisture conservation technologies for better land and water management	1	1	4	-	2	-	-	-	19	-
Sonepur	RY	ONC	IS	Rural Entrepreneurships development through income generating activities	1	2	1	-	1	-	1	-	22	-
Sonepur	RY	ONC	IS	Conservation and Management of Natural Resources	1	2	-	-	2	-	-	-	23	-
Sonepur	RY	ONC	IS	Agro-forestry model and its importance on livelihood	1	1	2	-	5	-	-	-	18	-

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
Subarnapur	Organic Farming for Sustainable Agriculture	Crop	Self employment through agro based enterprise	5	1	-	2	-	-	-	12	-
Subarnapur	Production technology of Mushroom and Preparation techniques of value added products from mushroom for WSHG	Enterprise	Self employment through agro based enterprise	5	2	2	-	1	-	-	8	2

Subarnapur	Preparation, use and importance of botanical pesticides	Crop	Income generation activity for rural youth	5	4	-	9	-	-	-	7	-
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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 Duckery	50 birds per unit	3	3	
Sonepur	Vermicomposting	10 tanks 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	Mushroom production and value addition	Income generation through self employment	-	RY	30	-	2	1	15	-	9	-	3	-	Odisha Watershed Mission	-

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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
			Before	After	Before	After	Before	After	1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
Sonepur	Reclamation of acid soils	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	Techniques to use Customized Leaf Colour Chart for N-fertilizer application in rice	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	Brown manuring techniques in paddy	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	Production technology of aerobic rice	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	Water and Weed Management in SRI cultivation	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	Production technology of sweet corn	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	Micronutrient application for improving groundnut production	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	Improved cultivation technology of Sesamum	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	Improved cultivation technology of summer moong	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	Integrated weed management in ground nut	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	Harvesting techniques and post harvest management of green gram	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	Integrated Rice-based Farming System	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	New generation herbicide for controlling weeds in field crops	15	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	Soil sample collection technique	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	Management of micro-nutrient deficiency 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	Production technology of vermicompost	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	Home stead farming system model	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	Nursery raising techniques for cultivation of kharif tomato	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	Improved methods of brinjal production	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	Improved methods and cultivation practices of pointed gourd and cucur bits	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	Management of sheath blight in paddy	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	Management of fruit fly in cucurbits	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	IPM measures for management of sucking pest management in cotton	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	IPM measures for management of BPH/WBPH in paddy	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	Management of phomosis blight in brinjal	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	Importance and method of seed treatment	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	Management of fungal disease in ground nut	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	ITK strategy for management of stem borer in summer 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	IDM measures for management of wilting in brinjal	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	IPM measures for management powdery mildew in pulses	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	Management of leaf minor in tomato	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	Production and use of plant products for pest control	15	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	IPM measures for management of stem borer in paddy	15	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	Production technology of paddy straw mushroom	25	28	62	-	1.0kg/bed	-	150/bed	1. Area expanded (ha) 2. No. of farmers adopted (no.)= 12 3. 49 % change in knowledge,
Sonepur	Backyard rearing of poultry breed Banaraja	25	23	56	100bird/yr	200bird/yr	15000	42000	1. Area expanded (ha) 2. No. of farmers adopted (no.)- 21 3. 45 % change in knowledge
Sonepur	Use of zero energy cool chamber for storage of vegetables	25	30	68	-	-	-	-	1. Area expanded (ha) 2. No. of farmers adopted (no.)04
Sonepur	Importance and use of vitamin & mineral mixture in milk productivity of milch cow	25	33	56	-	-	-	-	1. Area expanded (ha) 2. No. of farmers adopted (no.)05
Sonepur	Kitchen gardening for nutritional security	25	45	67	64	129	22200	34500	1. Area expanded (ha) 2. No. of farmers adopted (no.)- 17 3. 35 % change in knowledge, 75 % production & 25% Income

Sonepur	Production technology of oyster mushroom	25	45	79	-	1.2kg/bed	-	80/bed	1. Area expanded (ha) 2. No. of farmers adopted (no.) 36 3. 34.2% change in knowledge, 19.10% production & 23.63% Income
Sonepur	Techniques of using women friendly tools and implement for drudgery reduction	25	54	68	32	-	-	-	1. Area expanded (ha) 2. No. of farmers adopted (no.)19 3. 24.6% change in knowledge
Sonepur	Rearing of backyard duckery through Khaki Campbell	25	23	58	-	60bird/yr	-	22500	1. Area expanded (ha) 2. No. of farmers adopted (no.)- 34 3. 43% change in knowledge, &33% Income
Sonepur	Nutritional requirement & low cost diet for pre school children	25	32	54	-	-	-	-	1. Area expanded (ha) 2. No. of farmers adopted (no.)- 11 3. 40.7 % change in knowledge
Sonepur	Preparation of different value added products from tomato	25	-	14	-	-	-	65/bottle of tomato sauce	1. Area expanded (ha) 2. No. of farmers adopted (no.)06 3. % change in knowledge,
Sonepur	Importance and use of fodder as cattle feed	25	30	68	-	-	-	-	1. Area expanded (ha) 2. No. of farmers adopted (no.)04 3. 26% change in knowledge,
Sonepur	Preparation of dehydrated products from cole crops	25	-	26	-	-	-	-	1. Area expanded (ha) 2. No. of farmers adopted (no.)- 17 3. 26 % change in knowledge,
Sonepur	Nutritional requirement & low cost diet for pre school children	15	48	79	-	-	-	-	1. Area expanded (ha) 2. No. of farmers adopted (no.) 16 3. 64.58% change in knowledge,
Sonepur	Nutritional care of farm women during pregnancy and lactation	15	22	64	-	-	-	-	4. Area expanded (ha) 5. No. of farmers adopted (no.)- 8 6. 42.5 % change in knowledge

Sonepur	Fodder cultivation for big and small ruminants	25							
Sonepur	In-situ moisture conservation technologies for better land and water management	25							
Sonepur	Rural Entrepreneurships development through income generating activities	25							
Sonepur	Conservation and Management of Natural Resources	25							
Sonepur	Agro-forestry model and its importance on livelihood	25							

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	9	239	57	85	14	3	2			
Sonepur	Kisan Mela	03	3	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		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
										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 Rogo O Poka Parichalana	Surya Narayan Mishra	500
Sonepur	Booklet	Chasi Manara Raja Banaraja	Priyambada Lopamudra Ray, Surya Narayan Mishra	500
Sonepur	Booklet	Gokhadya Pain Maka O Baragudi Chasa	Bhadra Parija, Surya Narayan Mishra,	500

Sonepur	Leaflet	Khamba Alu Chasha	Sasanka Lenka, Surya Narayan Mishra	500
Sonepur	Booklet	Dhana Phasalare rogo poka parichalana	Surya Narayan Mishra	500
Sonepur	Booklet	Namuna mati sangraha parikshya O sara parichalana	Bhadra Parija, Priyambada Lopamudra Ray, Surya Narayan Mishra	500
Sonepur	Leaflet	Amla mati parichalana	Bhadra Parija, Surya Narayan Mishra	500
Sonepur	Booklet	Rasi alasi kusumi pesi	Bhadra Parija, Surya Narayan Mishra	500
Sonepur	Booklet	Mahilanka srama laghaba pain unnata krushi jantrapati a byabahara	Priyambada Lopamudra Ray, Surya Narayan Mishra	500
		Ghasa chasa		

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	Yogesh	29.8			
Sonepur	Cereal	Rice	Manaswini	31.2			
Sonepur	Cereal	Rice	Pratikshya	79			

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>	5000		Public Sale	
Sonepur	Vegetable Seedling	Cabbage	<i>Pusadrum head</i>	5000			
Sonepur	Vegetable Seedling	Tomato	<i>Utkala raja</i>	5000			
Sonepur	Vegetable Seedling	Chilli	<i>Jwalamukhi</i>	5000			
Sonepur	Vegetable Seedling	Brinjal	<i>Blue star</i>	5000			
Sonepur	Vegetable Seedling	Onion	<i>Agrifound Red</i>	5000			

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Sonepur	Vegetable Seedling	Papaya	Red Lady	250			

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	2150		10750	09	

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	750	20614	72

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	-	-	-	-	-	-	-	-	-	-

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	November	2015	Mushroom production and value addition	30 days	30	30	-	30

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	06	0	-

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Sonepur	04.08.2015	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 <ul style="list-style-type: none"> • 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	22.12.2015	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	62	10750	65	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 agriculture and allied sectors	In all six blocks of the Subarnapur district	Conducted two no Farmers Scientists Interaction with 100 farmers

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	Best KVK Award	Institution	OUAT	-
Sonepur	Best Stall Award	Institution	District Administration, Subarnapur	-

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

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	11.8.2015	24
2	18.09.2015	16
3	8.10.2015	21
4	17.10.2015	18
5	30.10.2015	14
6	26.11.2015	15
7	16.12.2015	17
8	23.12.2015	13
9	2.1.2016	19
10	21.1.2016	22
11	11.2.2016	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, OUAT, Bhubaneswar	29.8.15		OUAT, Bhubaneswar		
Sonepur	Prof. Sontosh Kumar Rout Dean, Extension Education, OUAT, Bhubnaeswar	29.8.15		OUAT, Bhubaneswar		
Sonepur	Prof. Rabindra Kumar Das Dean, Student Welfare OUAT, Bhubnaeswar	29.8.15		OUAT, Bhubaneswar		
Sonepur	Dr.L.M Garnayak Dean, College of Agriculture OUAT, Bhubnaeswar	29.12.15		OUAT, Bhubaneswar		
Sonepur	Dr. Prabhat ku Raula DPME, OUAT, Bhubaneswar	5.2.16		OUAT, Bhubaneswar		
Sonepur	Dr. P.K Banerjee Dy. Director Extension, DEE OUAT, Bhubaneswar	4.8.15		OUAT, Bhubaneswar		
Sonepur	Dr. Hemanta Ku Sahoo Dy. Director Extension, DEE OUAT, Bhubaneswar	22.12.15 14.2.16		OUAT, Bhubaneswar		
Sonepur	Dr. Subash Chandra Sahoo Joint Director Extension, DEE, OUAT, Bhubaneswar	29.9.15		OUAT, Bhubaneswar		

Sonepur	Dr. Subash Chandra Mohapatra Joint Director Extension, DEE, OUAT, Bhubaneswar	3.7.15		OUAT, Bhubaneswar		
Sonepur	Dr. (Mrs.) Minati Behera Joint Director Extension, DEE, OUAT, Bhubaneswar	29.9.15		OUAT, Bhubaneswar		
Sonepur	Dr. Pramod ku Panda Asso. Professor, OUAT, Bhubaneswar	5.12.15		OUAT, Bhubaneswar		
Sonepur	Sri Kalikesh Narayan Singh Deo. Hon,ble Member of Parliament	3.7.15 14.2.16			Hon,ble Member of Parliament	
Sonepur	Sj. Abhimanyu Kushal Chairman, Fishery Development Cooperative Society, Govt. of Odisha	3.7.15 14.2.15			Govt. of Odisha	
Sonepur	Sri Ravindra Pratap Singh, IAS Collector-cum-District Magistrate Subrnapur	3.7.15			Govt. of Odisha	
Sonepur	Sj. Dasarathi Satapathy Collector-cum-District Magistrate Subrnapur	4.8.15 29.9.15 5.12.15 22.12.15 14.2.16			Govt. of Odisha	
Sonepur	Mrs. Saudamini Jena ZillaParishad Member, Subarnapur	14.2.16			Govt. of Odisha	
Sonepur	Mrs. Sabita Majhi	3.7.15			Govt. of Odisha	

	Block Chairman, Subarnapur					
Sonepur	Dr. Shankar Dean(Fishery), Mngalore	9.9.15	ICAR			
Sonepur	Dr. Shivankar Ex. Director NR, Nagpur	9.9.15	ICAR			
Sonepur	T.M Sarangi PEX, Krushi Darshan Producer, DDK, Bhubaneswar	22.9.15			Govt. of Odisha	
Sonepur	M.N Sukumaran Dir(Oil seeds), DAC, Govt. of India	29.9.15	ICAR			
Sonepur	Dr. A.L. Waghmare Directorate of Pulses Dev., Govt of India, Bhopal	29.9.15	ICAR			
Sonepur	Dr. S.D. Billore Principal Secretary, Agronomy Directorate of Soyabean Research, ICAR, Indore	29.9.15	ICAR			
Sonepur	Dr Madhumita Das Director, Water Management, ICAR, Bhubaneswar	22.12.15	ICAR			

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	Scientist (PP) and Sr. Scientist & Head (I/C)	03	
Sonepur	Bhadra Parija	Scientist (Agronomy)	02	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Sonepur	02	05

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Sonepur	Surya Narayana Mishra	Scientist (PP) and Sr. Scientist & Head (I/C)	09	

Sonepur	Tanmay Nanda	Programme Assistant (Computer)	01	
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Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Sonepur	02	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			
Sonepur			
Sonepur			

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			

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	1	89	58

Seed distribution in drought hit states

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

Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Seedlings				
Sonepur	Tomato, Okra, Brinjal, Cauliflower, Cabbage	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	-	-	-	-

Vermis Produced

Name of KVK	Verns 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
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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

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

CROP DIVERSIFICATION - BRINGING CHEER IN FARMERS FACE



The Collector –cum-District Magistrate with other officials and farmers during the visit to Dedimal village

We are all aware that the crop diversification is the need of the hour to strengthen the economic background of the farming community. As the famous saying of Neil Armstrong “A small step for man, one giant leap for mankind”. Likewise a small step of ours was put in the village of Dedimal of Ullunda Block where we went to promote Groundnut cultivation under Cluster Demonstration Programme of Oilseeds 2015-16. In this village a small area of 12 acres was under Groundnut cultivation in Rabi whereas other areas were predominantly under rice crop. On our first visit to this village we met of very simple farmer Jharu Bhoi who later became our path finder. After conducting six numbers of meeting in that village with the help of Mr. Bhoi we were able to convince the farmers to take up 20 hectare of groundnut in a single patch instead of rice where we were able to provide only seeds (Var. – Smruti) as per the budgetary provision. But time to time follow up was done by KVK, Sonapur to educate the farmers about seed treatment, biofertilizer application and use of need based PP chemicals where any disease and pest incidence was found which they bought of their

own. When the crop was in field a Field Day was organized in the village by KVK, Sonapur where the Collector-cum- District Magistrate, Subarnapur participated as Chief Guest along with Sub-collector, B.M.Pur, local Sarpanch (Pancha mahala) along with four ward members, Deputy Director Agriculture, Subarnapur, DAO, B.M.Pur, AAOs of Ullunda and B.M.Pur in presence of six VAWs, eight farmers friend and the farming community of Dedimal and nearby villages. In this occasion we didn't forget to felicitate our front line leader for our small step Mr. Jharu Bhoi before the local farming community by our Chief Guest. The villagers were astonished when crop cutting was done by seeing the yield of 20.7 q/ha in place of 9.8 q/ha which they were harvesting from past few years.

Isn't it a big leap??????????????



The Collector-cum-District Magistrate, Subarnapur, Sub-collector, B.M. Pur, DDA, Subarnapur and local Sarapancha on the dias during the field day of cluster demonstration on ground nut



Farm women and Farmers present in the field day of cluster demonstration on ground nut



KVK, Sonapur felt proud enough by felicitating their path finder Sri Jharu Bhoi by our Collector-cum-District Magistrate, Subarnapur during the field day



The Collector-cum-District Magistrate, Subarnapur visiting the ground nut field, assessing the yield and discussed with the farmers at Dedimal village