

ANNUAL PROGRESS REPORT

April 2016 to March 2017

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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. Grey 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 Paddy), 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 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 2016 to March 2017

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2016-17

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	16	173	
	On Going OFT	1	7	
	Technologies assessed (Completed OFT)	13	140	
	Technologies refined	-	0	
	On farm trials conducted	14	147	
2	Frontline demonstrations			
	Proposed Frontline demonstrations	16	160	
	On Going Frontline demonstrations	1	5	
	FLDs conducted on crops	11	93	
	Area under crops (ha.)		14.2ha	
	FLD on farm implement and tools	0	0	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	1	10	
	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.)	1	22	
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	27	31	675
	Farm women	12	12	300
	Rural youth	6	12	90
	Extension personnel/ In service	6	12	90
	Vocational trainings	3	15	45
	Sponsored Training	0	0	0
	Total	54	82	1200
		No. of programmes	Participants	
4	Extension Programmes	2046	11284	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	114.6	39	
	Planting material produced (nos.)	31500	98	
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.)	650	65
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.)	35.0	12
	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.)	2	1000
	KVK News letter	3	1500
	SAC Meetings conducted	1	30
	Soil sample tested	356	867
	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)	17	10850
	Convergence programmes	1	65
	Sponsored programmes	0	0
	KVK Progressive Farmers interaction	7	125
	No. of Technology Week Celebrations	5	620
	Attended HRD activities organized by ZPD	1	1
	Attended HRD activities organized by DES	1	2
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	1	1
9	Current status of Revolving Funds (Amt. in Rs.)		
10		No. of blocks	No. of villages
	Outreach of KVK in the District	6	85
11		ICAR	SAU Others
	No. of important visitors to KVK (nos.)	1	2 4
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.)	85	85
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, 2017

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

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pay scale	Present pay	Date of joiing	Per./Temp.	Category
Sonepur	Programme Coordinator	-	-	-	-	-	-	-	-	-
Sonepur	Subject Matter Specialist1	Scientist-1 & I/C Sr. Scientist & Head	Entomology	M.Sc. (Ag.)	Entomology	PB -2 (15600 - 39100) with Grade Pay of Rs.6000/-	19050 + 6000	23.8.2013	Permanent	General
Sonepur	Subject Matter Specialist2	Bhadra Parija	Agronomy	M.Sc. (Ag.) PGDAEM	Agronomy	PB -2 (15600 - 39100) with Grade Pay of Rs.6000/-	16250 + 6000	24.4.2015	Permanent	General
Sonepur	Subject Matter Specialist3	Geetanjali	Horticulture	M.Sc. (Hort)	Floriculture	PB -2 (15600 - 39100) with Grade Pay of Rs.6000/-	15600	27.01.2016	Permanent	OBC

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pay scale	Present pay	Date of joing	Per./Temp.	Category
		Pradhan				39100) with Grade Pay of Rs.6000/-	+ 6000			
Sonepur	Subject Matter Specialist4	-	-	-	-	-	-	-	-	-
Sonepur	Subject Matter Specialist5	-	-	-	-	-	-	-	-	-
Sonepur	Subject Matter Specialist6	-	-	-	-	-	-	-	-	-
Sonepur	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
Sonepur	Farm Manager	-	-	-	-	-	-	-	-	-
Sonepur	Computer Programmer	Tanmay Nanda	Computer	PGDCA,M.A (Public Ad ministration) MBA (Marketing)	Computer	PB - 1 (9300-34800) with Grade Pay of Rs.4200/-	14670 + 4200	21.7.2009	Permanent	General
Sonepur	Accountant / superintendent	Sauren Kumar Moharana	Section Officer (Level II)	BA	BA	PB - 1 (9300-34800) with Grade Pay of Rs.4600/-			Permanent	General
Sonepur	Stenographer	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
Sonepur	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
Sonepur	Driver	Durga Prasad Pattnaik	Driver-cum-mechanic	10 th	10 th	PB - 1(5200-20200) with	7315 +	13.02.2014	Permanent	General

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pay scale	Present pay	Date of joiing	Per./Temp.	Category
						Grade Pay of Rs.1900/-	1900			
Sonepur	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
Sonepur	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, Sonepur	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)
Sonepur	Gatarkela	2011	Sonepur	14	694	75
Sonepur	Bejpalli	2012	Ullunda	15	1050	145
Sonepur	Babupali	2010	Sonepur	12	360	42
Sonepur	Yudhisterpur	2012	B.M.pur	43	1170	76

Sonepur	Palligaon	2010	Ullunda	18	630	73
Sonepur	Badmal (NICRA)	2010	Ullunda	38	750	51
Sonepur	Jampali	2014	Ullunda	21	820	65
Sonepur	Dipapali	2015	Ullunda	34	345	46
Sonepur	Dedimal	2016	Ullunda	22	530	58

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

KVK Name	THRUST AREA
Sonepur	Crop diversification
Sonepur	Reclamation of degraded land
Sonepur	Integrated Nutrient Management practices
Sonepur	Integrated Disease and Pest Management Practices
Sonepur	Quality seeds and seedlings production
Sonepur	Income generating activities for rural women/ School dropouts
Sonepur	Value addition in seasonal vegetables
Sonepur	Integrated fish farming
Sonepur	Pond based integrated farming
Sonepur	Proper health management of domestic animals & birds
Sonepur	Recycling of farm wastes for vermicompost
Sonepur	Off season vegetable cultivation for higher return
Sonepur	Commercial floriculture for income generation
Sonepur	Drudgery reduction & Farm mechanization
Sonepur	Nutritional security of farm families
Sonepur	Market linkage and production strategies
Sonepur	Introduction of suitable varieties with improved packages of practices
Sonepur	Effective use of family labour through need based livelihood option

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

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Sonepur	Soil acidity - Poor knowledge about soil testing and soil health management	PRA, Group discussion, ISlortatory survey	Subarnapur,Ullunda,BMpur,Binka
Sonepur	Imbalance use of manures and fertilizers in all crops	PRA	Subarnapur,Ullunda,BMpur,Binka,Tarava,Dunguripalli
Sonepur	Severe crop weed competition in <i>Kharif</i> upland crops	Response analysis, PRA, diagnostic field visit	Subarnapur,Ullunda,BMpur,Tarava,
Sonepur	Severe incidence of BPH, YSB, Leaf folder,sheath blight & foot rot in rice	PRA , Group discussion	Subarnapur,Ullunda,BMpur,Binka,Tarava,Dunguripalli
Sonepur	Severe incidence of tobacco caterpillar in ground nut , fruit fly in cucumber, mango, sucking pest in chilly, tomato, cotton and fruit and shoot borer in brinjal	Response analysis, PRA, diagnostic field visit	Subarnapur,Ullunda,BMpur,Binka,Dunguripalli
Sonepur	Indiscriminate use of pesticides and improper pest management practices	PRA , Group discussion	Subarnapur,Ullunda,BMpur,Binka,Tarava,Dunguripalli
Sonepur	Severe incidence of foot rot, blast & sheath blight in rice , tikka disease in ground nut, wilting in <i>kharif</i> tomato	Response analysis, PRA, diagnostic field visit	Subarnapur,Ullunda,BMpur,Binka,Tarava,Dunguripalli
Sonepur	Lack of income opportunities for farm women and rural youth	PRA, Response analysis, Group discussion	Subarnapur,Ullunda,BMpur,Binka,Tarava,Dunguripalli
Sonepur	Under utilization of pond carrying capacity and imbalanced feeding in fish farming	Focus & Group discussion, Response analysis	Subarnapur,Binka, Dunguripalli
Sonepur	Heavy mortality , poor growth and improper stocking density and ratio in pisciculture	Response analysis, PRA, diagnostic field visit	Subarnapur,Binka, Dunguripalli
Sonepur	Inadequate knowledge about nutritional security, post harvest technology and value addition	Group discussion, Response analysis	Subarnapur,Ullunda,BMpur,Binka,Tarava,Dunguripalli
Sonepur	Drudgery of farm women in sowing , weeding ,	Focus & Group	Subarnapur,Ullunda,BMpur,Binka,Tarava,Dunguripalli

	irrigating and harvesting	discussion, Response analysis	
Sonepur	Non use of agricultural implements	Response analysis, PRA, diagnostic field visit	Subarnapur,Ullunda,BMpur,Binka,Tarava,Dunguripalli

2. On Farm Testing (OFT)

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 , Paddy 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
- Kindly mention realistic estimated yield of your crop under trail.
- If crop has been not yet harvested, mark it * on that

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 (T ₁)	RP (T ₂)	T ₃	FP (T ₁)	RP (T ₂)	T ₃	
Sonepur	2016	Khari f	Severe weed infestation causing low yield	Assessment of early post-emergence weedicide in transplanted rice	Assessment	Crop production	Rice	Irrigated	13	40.60	45.60	-	18560	26380	-	
	2016	Khari f	Farmers has no knowledge of N fertilizer	Assessment of real time nitrogen management by using	Assessment	Soil Fertility Management	Rice	Irrigated medium land	13	41.2	46.6	-	16235	25350	-	

			scheduling	CLCC in rice												
	2016	Khari f	Low yield from local variety	Assessment of tissue culture banana verses conventional crop sucker	Assessment	Varietal substitution	Banana	Irrigated medium land	07	Contd ...	-	-	-	-	-	
	2016-17	Rabi	Low yield of tomato due to wilting	Assessment of tomato varieties for wilt resistance	Assessment	Varietal evaluation	Tomato	Irrigated medium land	10	340	400	360	98700	127000	117200	
	2016-17	Rabi	Less fruit yield and no knowledge about use of growth regulators	Effect of growth regulators on morpho – physiological parameters and yield in bitter gourd	Assessment	Effect of growth regulator on yield	Bitter gourd	Irrigated medium land	07	56	64	85	33800	39800	46400	
	2016	Khari f	Less yield and quality alongwith disesse and pest infestat	Assesment of kharif onion cultivars in western undulating zone of Odisha	Assessment	Varietal performance	Onion	Irrigated medium land	07	110	140	170	57300	72600	80400	
	2016	Khari f	Low yield of paddy due to blast disease	Assessment of fungicides for management of blast in kharif rice	Assessment	IDM	Rice	Low land	13	40.5	43.5	45.4	20220	23250	26580	
	2016-17	Rabi	Low yield due to high infestation of okra	Assessment of insecticides for management okra fruit and	Assessment	Integrated Pest managemene nt	okra fruit and shoot borer	Irrigated Medium/ Up land	13	98	108	113	34500	41300	44500	

			fruit and shoot bore	shoot borer												
	2016-17	Rabi	Low yield in bitter gourd due to the incidence of phytoplasma disease witches broom	Assessment of IPM strategy for the management of witches broom in bitter gourd	Assessment	IPM	Bitter gourd	Irrigated medium land	13	60.4	64.5	68.6	43500	47200	49400	
	2016	Khari f	Low yield due to high infestation of Chili Thrips	Assessment of Phosalone 35 EC and Thiomethoxam 25WG for management of thrips in chilli	Assessment	Integrated Pest management	Chili	Irrigated Medium/U p land	13	34.8	36.2	43.5	41300	45400	48400	

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)	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 early post-emergence weedicide in	No. of weed / sq.m., Weed control	40.6	45.6	28500	31400	-	47060	57780	-	18560	26380	-	1.6	1.8	-

	transplanted rice	efficiency, Yield (Qt/ha)														
	Assessment of real time nitrogen management by using CLCC in rice	Number s of panicles/ m ² , Grains per panicle, yield (qt/ha)	242,116,41.2	266,125, 46.6	3320 0	30800	-	49435	56150	-	16235	25350	-	1.4	1.8	-
	Assessment of tissue culture banana verses conventional crop sucker	Contd...	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Assessment of tomato varieties for wilt resistance	Plant height(cm) No. of fruits/plant Avg. fruit weight.(g) fruit yield(q/ha)	82,50,73,340	95,55,10 3,400	63300	68000	64800	162000	195000	182000	98700	127000	117200	2.6	2.86	2.80
	Effect of growth regulators on morpho – physiological parameters	Male to female ratio, single fruit weight (gm) , number	49.8, 43, 5,56	22.5, 113,8,85	51400	54400	56500	85200	94200	102900	33800	39800	46400	1.6	1.7	1.8

	and yield in bitter gourd	of fruits/plant , fruit yield q/ ha Days to flower														
	Assesment of kharif onion cultivars in western undulating zone of Odisha	Bulb length (cm) , average bulb weight (g), bulb diameter (cm) , yield (t/ha)	5.0, 47, 4.0, 11	6.1, 62, 4.7, 17	54700	58400	62100	112000	131000	142500	57300	72600	80400	2.04	2.24	2.29
	Assessment of fungicides for management of blast in kharif rice	Diseases incidence (%), yield (qt/ha)	20.4,40.5	4.8,45.4	26300	27900	28400	46520	51150	54980	20220	23250	26580	1.7	1.8	1.9
	Assessment of insecticides for management okra fruit and shoot borer	Percentage of fruit and shoot borer infestation, Yield, (qt/ha)	22%,98	4%,113	23300	27400	28100	57800	68700	72600	34500	41300	44500	2.4	2.5	2.6

	Assessment of IPM strategy for the management of witches broom in bitter gourd	Yield (q/ha)	60.4	68.6	26400	28600	29200	69900	75800	78600	43500	47200	49400	2.6	2.7	2.72
	Assessment of Phosalone 35 EC and Thiomethoxam 25WG for management of thrips in chilli	Yield (q/ha)	34.8	36.2	25350	26700	28200	66650	72100	76600	41300	45400	48400	2.6	2.7	2.72

2.3 Information about Home Science OFT: (For All Thematic Area)

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	2016-17	Kharif	Low yield potential of paddy straw mushroom, <i>Volvariella volvacea</i> during extreme heat	Assessment of yield potential of high yielding strain of <i>V. volvacea</i>	-	Small scale income generation	Cultivation of paddy straw mushroom using alternative strain OSM-11, OSM-12. of <i>V. volvacea</i>	OSM -11 –Black colour, Bio efficiency-15 % OSM-12-Grey Colour,Bio-efficiency-13%,Days of first harvesting-14 days, Cultivation practice similar to existing strain	Enterprise, Homestead	13	
	2016-17	Rabi	Distress sale and post harvest loss	Assessment of different value added products of tomato	-	Value addition	T2- Preparation of tomato puree T3- Preparation of tomato Sauce	Tomato pulp-1kg, Sugar- 75gm, Salt-10gm, Spices, Acetic Acid-5ml, Sodium Benzoate-0.25gm	Enterprise, Homestead	13	
	2016-17	Rabi	Less knowledge on fodder cultivation and feeding practice results in high feed cost	Assessment of different fodder crops for improving milk yield	-	Crop production and nutrient management	T2-Cultivation of hybrid napier cv. CO-3 and cattle feeding with hybrid napier T4-Cultivation of hybrid napier cv. CO-4 and cattle feeding with hybrid napier	High yield potential, high dry matter and crude protein content, quick regeneration capacity, high leaf to stem ratio, high palatability, free from pest and diseases and low in adverse factors. Grown round the year	Homestead	13	
	2016-17	Rabi	Low yield from only paddy straw as	Assessment of production of oyster	-	Small scale income generation	T2 Cultivation of Oyster Mushroom using sesamum stalk	Cutting , soaking in water & steam sterilization of substrates; use of boiled & cooled wheat	Homestead	13	

			substrate	mushroom using different substrate			T3 Cultivation of Oyster Mushroom using Groundnut hulm	with spawn (Variety- <i>Pleurotus Sajarcaju</i>), bag preparation, watering & harvesting			
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2.4 (A) Economic Performance Home Science OFT: (For Drudgery Reduction)

KVK name	OFT Title					Performance Indicator / Parameter									
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

2.4 (B) Economic Performance Home Science OFT: (For Income Genration)

KVK name	OFT Title	Performance Indicator / Parameter																
		Production per unit			Cost of input			Incremental income			Yield(Kg/bed)			Net Return			Saving in Rs	BC ratio
		T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3		
Sonepur	Assessment of yield potential of high yielding strain of <i>V. volvacea</i>	0.9	1.1	1.0	70/-	70/-	70/-	180/-	220/-	200/-	0.9	1.1	1.0	110/-	150/-	130/-	T2- 40/- T3- 20/-	T1- 2.6 T2- 3.1 T3- 2.8
	Assessment of production of oyster mushroom using different substrate	1.85	1.7	1.1	45/-	45/-	45/-	148/-	136/-	88/-	1.85	1.7	1.1	103/-	91/-	43/-	T1- 12/-	T1-3.2 T2-3.0 T3- 1.9
	Assessment of different fodder crops	-	-	-	7500/-	8500/-	8500/-	12400/-	14820/-	14820/-	4.0lt	4.7lt	4.75lt	4980/-	6320/-	6320/-	T2 & T3- 1340/-	T1-1.6 T2- 1.7 T3- 1.7

	for improving milk yield																	
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2.4 (C) Economic Performance Home Science OFT: (For value addition)

KVK name	OFT Title	Performance Indicator / Parameter																			
		Composition of product			Input used			outcome (Kg)			Cost of input			Incremental income			Net Return			Saving in Rs	BC ratio
		T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3		
	Assessment of different value added products of tomato				Ripe Tomato	Tomato-3kg & preservative	Tomato, sugar, salt, spices & preservative	Tomato 3Kg.	Puree-1kg	Sauce-1kg	-	26/-	40/-	15/-	65/-	95/-	-	29/-	55/-		T3-2.4

2.4(D) Economic Performance Home Science OFT: (For Nutritional security)

KVK name	OFT Title	Performance Indicator / Parameter				Nutrient Intake (Unit)								Anthropometric measurements					
		Name of vegetable/Fruit/Product		Per capita Consumption gm/day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		Increase in BMI (%)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

2.5 Feedback from KVK to Research System

Name of KVK	Feedback

3. Achievements of Frontline Demonstrations (FLD)

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	Varietal evaluation	Demonstration of hybrid rice variety DRH-748	Demonstration of hybrid rice variety DRH-748	3	18	12
Sonepur	Maize	Varietal evaluation	Demonstration of sweet corn var. Madhuri	Demonstration of sweet corn var. Madhuri	5	37	24
Sonepur	Sesamum	Improved package of practice	Demonstration of sesamum under nutrient management practice	Demonstration of sesamum under nutrient management practice	3	32	18
Sonepur	Rice	IDM	Demonstration of management of sheath blight in paddy	Demonstration of management of sheath blight in paddy	8	58	32
Sonepur	Brinjal	IPM	Demonstration of IPM measures for fruit and shoot borer in brinjal	Demonstration of IPM measures for fruit and shoot borer in brinjal	3	46	12
Sonepur	Mango	IPM	Demonstration of pheromone trap for management of fruit fly in mango	Demonstration of pheromone trap for management of fruit fly in mango	2	25	14
Sonepur	Tomato	IPM	Demonstration of IPM measures for management of Leaf minor in Tomato	Demonstration of IPM measures for management of Leaf minor in Tomato	4	39	28
Sonepur	Vermicompost	Production & management	Demonstration on production technology of Vermicompost	Demonstration on production technology of Vermicompost	2	15	-

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, Paddy in place of Rice , brinjal in place of egg plant etc.**
- ***Don't press enter key to navigate among col use arrow or tab key**
- ***don't add space before or after statement within the table cell**
- **Kindly mention realistic estimated yield of your crop under Demonstration.**
- **If crop has been not yet harvested, mark it * on that**
-

3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/Enterprise	Name of Variety/Technology/Enterprizes	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Sonepur	2016	Kharif	Soil Fertility Management	Use of neem coated urea for efficient nitrogen use in transplanted paddy in place of ordinary urea as per soil test based nutrient application	Paddy	Swarna	1ha	39.6	44.8	13.13	3	-	7	-	10
	2016	Kharif	Varietal substitution	Demonstration of line transplanting of medium duration paddy var. Lalat	Paddy	Lalat	2ha	41.60	49.30	18.50	2	-	6	-	08

	2016-17	Kharif		Demonstration of cultivation of ground nut	Ground nut	Smruti	1 ha	11.3	15.6	38.05	5	-	3	-	08
	2016-17	Rabi	Varietal performance	Growing of high yielding variety Kishan	Sweet potato	Kishan	2 ha	96	160	66.7	2	2	4	2	10
	2016	Kharif	Cultivation of intercrop to increase farm income	Planting of pineapple in paired row system with spacing of 50×60cm and inter row spacing-1.5m, duration-18 months Inside mango orchard	pineapple in mango orchard	Queen	1 ha	Contd.	-	-	1	0	2	2	5

	2016-17	Rabi	Use of growth regulators and proper spacing to get higher yield in cv Pusa Narangi Gaiinda	Spacing of 40×20cm and use of TIBA (1000PPM), CCC (750ppm), MH (1250ppm) 30 and 45 days after transpalnting	Pusa Narangi Gaiinda	Pusa Narangi Gaiinda	1 ha	165	230	39.4	1	0	6	3	10
	2016-17	Rabi	Cultivation of improved varieties of vegetables	Demonstar tion on use of improved vegetable varieties to increase yield and farmers income	Brinjal	Utkal keshri	1ha	-	555	100	1	-	4	-	05

	2016	Kharf	Integrated Pest Management	Clean cultivation, use of potash alternate drying and wetting, making alleys of 0.3 mtr between rows at 2 mtr interval and alternate spraying of Thiomethoxam 25 @ 0.2 gram/lit and Buprofezin @ 2 ml/lit	Paddy	Swarna	2ha	43.5	46.8	7.6	3	-	7	-	10
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	2016 -17	Rabi	IPM	Intercropp ing with radish in 3: 1 ratio, alternate application of neem oil @ 5 ml/ l of water and spinosad @ 0.35 ml/ l of water	tomato fruit borer	Laxmi	2ha	298	345	15.7	2	1	6	1	10
	2016 -17	Rabi	IDM	Seed treatment with Carboxin 37.5 % + thiram 37.5 % @ 2.5gm/kg of seed, need abse spraying of COC @4gm/lt twice at 15 days interval	Brinjal	Pusa purple long	2ha	158	182	15.1	3	-	5	2	10

	2016	Kharif	Integrated farming	Seed treatment with Carboxin 37.5 % + Thiram 37.5 % @ 2.5 gram/kg seed against leaf spot. Alternate need base spraying of thiophinate methyl @ 1.5 g/lit and Chlorothalonil @ 1 gram/lit against leaf rust and Powdery mildew, release of T. chilonis for three times at 10 days interval after the infestation of Spodoptera 2 cards/acre (20,000 nos eggs/card).	Ground nut	Smruti	2ha	10.4	12.6	21.2	4	1	6	-	10
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	2016-17	Rabi	Improved package of practice	Improved package of practice including seed treatment with pesticides/fungicides/bio-fertilizers	Green gram	TARM-1	40 ha	4.8	6.1	27.08	25	13	61	4	104
	2016-17	Rabi	Improved package of practice	Improved package of practice including seed treatment with pesticides/fungicides/bio-fertilizers	Mustard	M-27	30 ha	3.9	5.2	33.3	16	9	45	5	75

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)
	Use of neem coated urea for efficient nitrogen use in transplanted paddy in place of ordinary urea as per soil test based nutrient application	Paddy	Yield (q/ha)	39.6	44.8	285 00	314 00	54200	65600	25700	34200	1.9	2.1
	Demonstration of line transplanting of medium duration paddy var. Lalat	Paddy	Yield (q/ha)	41.6 0	49. 30	296 00	319 60	49700	56200	20100	24240	1.7	1.8
	Demonstration of cultivation of ground nut	Groundnut	Yield (q/ha)	12.6	10.4	28300	34900	55900	71700	27600	36800	1.9	2.1
	Growing of high yielding variety Kishan	Sweet potato	Weight of tuber (gm) , Length of tuber (cm) , Yield (q/ha)	153, 14, 96	162, 18, 160	31200	33400	47000	55300	15800	21900	1.5	1.7
	Planting of pineapple in paired row system with spacing of 50×60cm and inter row spacing-1.5m, duration- 18 months Inside mango orchard	pineapple in mango orchard	Contd....	-	-	-	-	-	-	-	-	-	-

	Spacing of 40×20cm and use of TIBA (1000PPM), CCC (750ppm), MH (1250ppm) 30 and 45 days after transplanting	Pusa Narangi Gaiinda	Flower diameter (cm) , No. of flowers/plant , Flower Yield (q/ha)	5.17 31,16 5	6.25, 48, 230	34000	40200	85400	110000	50500	69800	2.51	2.73
	Demonstration on use of improved vegetable varieties to increase yield and farmers income	Brinjal,	Yield (q/ha)	-	555	-	46260	-	134000	-	87740	-	2.8
	Clean cultivation, use of potash alternate drying and wetting, making alleys of 0.3 mtr between rows at 2 mtr interval and alternate spraying of Thiomethoxam 25 @ 0.2 gram/lit and Buprofezin @ 2 ml/lit	Paddy				28500	30400	54100	63290	25600	32890	1.9.	2.1
	Intercropping with radish in 3: 1 ratio, alternate application of neem oil @ 5 ml/ l of water and spinosad @ 0.35 ml/ l of water	Tomato fruit borer				482 00	5160 0	89000	105000	40800	53400	1.8	2.03

	Seed treatment with Carboxin 37.5 % + thiram 37.5 % @ 2.5gm/kg of seed, need abse spraying of COC @4gm/lt twice at 15 days interval	Brinjal				43700	49600	95200	124000	51500	74400	2.17	2.5
	Seed treatment with Carboxin 37.5 % + Thiram 37.5 % @ 2.5 gram/kg seed against leaf spot. Alternate need base spraying of thiophinate methyl @ 1.5 g/lit and Chlorothalonil @ 1 gram/lit against leaf rust and Powdery mildew, release of T. chilonis for three times at 10 days interval after the infestation of Spodoptera 2 cards/acre (20,000 nos eggs/card).	Ground nut				29300	35600	56800	73200	27500	37600	1.93	2.05
	Improved package of practice including seed treatment with pesticides/fungicides/bio-fertilizers	Green gram	Yield (q/ha)	4.8	6.1	23,500	29400	49300	66000	25800	36600	2.1	2.24
	Improved package of practice including seed treatment with pesticides/fungicides/bio-fertilizers	Mustard	Yield (q/ha)	3.9	5.2	25200	32400	62500	87500	37300	55100	2.5	2.7

3.4 Information about Home Science FLDs - (For All Thematic Area)

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/Enterprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Sonepur	2016-17	Round the year	Small scale income generation	High cost and non availability of good quality chicks	Brooding of Banaraja poultry upto 21 days with three vaccines at 7, 14 & 21 days and then sell in the local market	Enterprise	Brooding of Banaraja	Homestead	-	04
	2016-17	Round the year	Household Food Security	Malnutrition in farm women due to unavailability of vegetable at house hold	Round the year production Kharif: Spinach, Brinjal, Coriander, Bottle gourd, bitter gourd, Onion etc. Rabi: Tomato, Chilli, Fenugreek, Cabbage, Carrot,	Crop	Hybrid seasonal vegetables	Backyard	0.5ac	10

					Radish,Peas,Cauliflower etc.					
	2016-17	Rabi	Small scale income generation	Non utilization of agriculture waste and other by products	Vermicomposting with Eiseia foetida. 8'' garbage wetted with fym cowdungslurry with 1'' cowdung, release of ew at 21 days, composting compl at 90 days	Enterprise	Eiseia foetida	Homestead	-	10

3.5 (A) Economic Performance Home Science FLD: (For Drudgery Reduction)

KVK name	OFT Title	Performance Indicator / Parameter													
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

3.5 (B) Economic Performance Home Science FLD: (For Income Genration)

KVK name	FLD Title	Performance Indicator / Parameter											
		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Sonepur	Brooding of banaraja chicks as service	-	-	-	3960/-	-	5700/-	-	-	-	1740	-	1.43

	provider group												
	Demonstration of vemicompost production and its use to increase income	-	8.0 qtl	-	2250/-	-	6400/-	-	10.0qtl/pit/year	-	4150	-	2.84

3.5 (C) Economic Performance Home Science FLD: (For value addition)

KVK name	FLD Title	Performance Indicator / Parameter													
		Composition of product		Input used		outcome (Kg)		Cost of input		Incremental income		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

3.5 (D) Economic Performance Home Science FLD: (For Nutritional security)

KV K nam e	FLD Title	Performance Indicator / Parameter				Nutrient Intake (Unit)								Anthropometric measurements					
		Name of vegetable/Fruit/Product		Per capita Consumption gm/ day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		Increase in BMI (%)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
	Demonstration of Nutritional Kitchen garden at backyard.	Kharif: Brinjal, Coriander, Bottle gourd, bitter gourd etc. Rabi: Tomato, Chilli, Cabbage ,Radish,Cauliflower	Kharif:Spinach, Brinjal, Coriander, Bottle gourd, bitter gourd ,Onion etc. Rabi:Tomato, Chilli, Fenugreek, Cabbage,Carrot,Radish,Peas,Cauliflower	145	295														

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Sonepur	Paddy	Training , Field day	3	100	
Sonepur	Groundnut	Training , Field day	3	100	
Sonepur	Sweet potato	Training	1	25	
Sonepur	Marigold	Training	1	25	
Sonepur	Brinjal	Training	2	50	
Sonepur	Tomato	Training	2	50	
Sonepur	Pineapple	Training	1	25	
Sonepur	Green gram	Training, Field day	4	150	
Sonepur	Mustard	Training	2	50	

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 neem oil (ozoneem) at 30 DAT & 45 DAT	Save the crops from insect and pests, Yield increases	Popularise among farming community
Sonepur	Seed treatment with Benlate, Carbendazim, Thiram	Seed treatment with Benlate, Carbendazim, Thiram 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	Intercrop	Intercropping of pineapple cv. Queen inside mango orchard	Income during off season and to minimize weed infestation	Popularise among farming community
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 severe infestation.
Sonepur	Farmers 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 streptomycin 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 zinc sulphate @ 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.

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 1.07.16, 29.08.16 Jampali 20.07.16, 08.09.16 Bejpali 10.07.16, 10.08.16	215
Sonepur	Rural youth	PRA tools and Group Discussion – Need assessment of farmers and farmer women was done through PRA tools and discussion with them.	Bidurpali-27.06.16, 30.06.16 Gatarkela 22.09.16 Babupali 09.07.16	174
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.	Badmal-24.06.16, 17.07.16 Dipapali 20.08.16, 16.09.16	75
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.	Paligaon- 26.06.16, 24.07.16 Gopalpur 26.09.16 Palasa 14.08.16	125

Sonepur	Rural youth	PRA tools and Group Discussion – Need assessment of farmers and farmer women was done through PRA tools and discussion with them.	Govindpali 17.10.16 Nandanmal 14.09.16 Dedimal 25.08.16	62
Sonepur	IS	Group discussion	KVK, Subarnapur 28.10.16	8

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
Subarnapur	FW	OFC	CP	Micronutrient application for improving groundnut production	1	1	1	-	10	-	-	-	14	-
Subarnapur	FW	OFC	CP	Techniques to use Customized Leaf Colour Chart for N-fertilizer application in rice	1	1	4	-	5	-	-	-	16	-
Subarnapur	FW	OFC	CP	Importance of soil testing and soil test based fertilizer application	1	1	-	-	5	-	-	-	20	-
Subarnapur	FW	OFC	HOV	Improved methods of brinjal production	1	1	5	-	-	-	-	-	20	-
Subarnapur	FW	OFC	HOV	Nursery raising techniques for cultivation of kharif tomato	1	1	-	-	10	-	1	-	14	-
Subarnapur	FW	ONC	HOP	Production technology of tissue culture banana variety Grand Naine	1	2	2	-	5	-	-	-	18	-
Subarnapur	FW	OFC	HOV	Improved method of kharif onion cultivation	1	1	-	-	3	-	-	-	22	-
Subarnapur	FW	ONC	HOP	Horticulture based farming system model in Home stead	1	2	-	-	5	-	-	-	20	-

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
Subarnapur	FW	OFC	HOF	Fertilizer management in mango and banana	1	1	4	-	5	-	-	-	16	-
Subarnapur	FW	OFC	HOV	Scientific package of practices for cultivation of tuber crops	1	1	-	-	10	-	1	-	14	-
Subarnapur	FW	OFC	HOV	Integrated nutrient management for cabbage and cauliflowers	1	1	1	-	10	-	-	-	14	-
Subarnapur	FW	ONC	HOS	Inter cropping in mango and banana orchard	1	2	1	-	4	1	-	-	17	2
Subarnapur	FW	OFC	HOT	Importance of floriculture for income generation	1	1	-	-	7	-	-	-	18	-
Subarnapur	FW	OFC	HOV	Selection of proper stage for harvesting in vegetable and fruit crops along with its grading, packaging etc.	1	1	5	-	2	-	-	-	18	-
Subarnapur	FW	OFC	HOV	Importance and techniques to use PGRs in horticultural crops	1	1	3	-	6	-	1	-	15	-
Subarnapur	RY	ONC	HOV	Seed production techniques in vegetable	1	2	-	-	2	-	-	-	13	-
Subarnapur	RY	ONC	HOO	Water conservation techniques for raising of horticultural crops	1	2	-	-	-	-	-	-	15	-
Subarnapur	IS	ONC	HOV	Importance of horticulture in climate resilient conditions	1	2	2	2	3	-	-	-	8	-
Subarnapur	IS	ONC	HOV	Exotic vegetable cultivation for high income generation	1	2	-	5	-	4	-	-	2	4

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
Subarnapur	FW	OFC	PLP	Importance and method of seed treatment	1	2	-	-	4	3	2	1	12	3
Subarnapur	FW	ONC	PLP	Management of fungal disease in ground nut	1	1	-	-	2	1	-	-	17	5
Subarnapur	FW	OFC	PLP	IPM measures for management of BPH/WBPH in paddy	1	2	-	-	5	1	-	-	16	3
Subarnapur	FW	ONC	PLP	LAC cultivation	1	1	-	-	13	-	-	-	12	-
Subarnapur	FW	OFC	PLP	IDM measures for management of wilting in brinjal	1	2	-	-	-	5	-	1	12	7
Subarnapur	FW	OFC	PLP	IPM measures for management of sucking pest management chilli	1	1	1	-	3	2	-	-	19	-
Subarnapur	FW	ONC	PLP	IPM measures for management of YMV in green gram	1	2	4	-	4	-	-	-	17	-
Subarnapur	FW	OFC	PLP	Management of phomosis blight in brinjal	1	1	-	-	5	-	-	-	11	9
Subarnapur	FW	OFC	PLP	Management of witches broom in bitter gourd	1	1	4	-	-	-	-	-	21	-
Subarnapur	FW	OFC	PLP	Management of fruit borer in tomato	1	1	-	-	4	-	1	-	20	-
Subarnapur	FW	OFC	PLP	IPM measures for management powdery mildew in pulses	1	2	3	1	8	-	-	-	8	5

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
Subarnapur	FW	OFC	PLP	ITK strategy for management of stem borer in summer paddy	1	1	-	-	4	-	1	-	20	-
Subarnapur	RY	ONC	PLP	Production and use of bio-pesticides	1	3	-	5	-	4	-	-	2	4
Subarnapur	RY	ONC	PLP	Use of traps in pest control	1	3	-	-	2	-	-	-	13	-
Subarnapur	IS	ONC	PLP	IPM measures for management of stem borer in paddy	1	3	-	5	-	4	-	-	2	4
Subarnapur	IS	ONC	PLP	IPM measures for management of pest of pulses	1	3	2	2	3	-	-	-	8	-
Subarnapur	FW	OFC	WOE	Nutritional garden for food security	1	1	-	1	-	13	-	-	-	11
Subarnapur	FW	OFC	WOE	Production technology of paddy straw mushroom	1	1	-	-	-	1	-	-	-	24
Subarnapur	FW	OFC	WOE	Feed management in milch cattle	1	1	-	1	-	3	-	-	-	21
Subarnapur	FW	OFC	WOE	Preparation of value added product from oyster mushroom	1	1	-	-	-	4	-	-	-	21
Subarnapur	FW	OFC	WOE	Value addition in tomato	1	1	-	-	-	15	-	-	-	10
Subarnapur	FW	OFC	WOE	Techniques of using Women friendly tools and implements for drudgery reduction in groundnut	1	1	-	-	-	6	-	1	-	18
Subarnapur	FW	OFC	WOE	Use of zero energy cool	1	1	-	-	-	4	-	-	-	21

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
				chamber for storage of vegetable										
Subarnapur	FW	OFC	WOE	Rearing of back yard duckery Khaki Campbell	1	1	-	-	-	3	-	-	-	22
Subarnapur	FW	OFC	WOE	Preparation of value added products from cole crops	1	1	-	-	-	2	-	-	-	23
Subarnapur	FW	OFC	WOE	Backyard rearing of Rainbow rooster poultry birds	1	1	-	-	-	9	-	-	-	16
Subarnapur	FW	OFC	WOE	Nutritional requirements & low cost diet for pre-schoolers	1	1	-	-	-	25	-	-	-	-
Subarnapur	FW	OFC	WOE	Cultivation of oyster mushroom	1	1	-	2	-	4	-	-	-	19
Subarnapur	RY	ONC	WOE	Group formation and income generating group activities	1	2	-	2	-	3	-	-	-	10
Subarnapur	RY	ONC	WOE	Preparation of value added product from fruits and vegetables	1	2	-	3	-	1	-	-	-	11
Subarnapur	IS	ONC	WOE	Nutritional care of farmwomen by utilizing their back yard	1	2	1	3	4	-	-	-	4	3
Subarnapur	IS	ONC	WOE	Setting up and management of roof top nutritional garden in NAC areas	1	2	-	3	4	-	-	-	3	5

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	Brooding of day old Banaraja chicks	Enterprise	Self-employment through agro based enterprise	05	1	-	2	-	-	-	12	-
Subarnapur	Organic farming for sustainable Agriculture	Crop	Self employment through agro based enterprise and natural resource management	05	4	-	9	-	-	-	7	-
Subarnapur	Different propagation techniques of fruits, vegetables, floriculture crops and their nursery management	Enterprise	Self employment through agro based enterprise	05	3	2	-	1	-	-	7	2

Table 5.3. Details of training programme conducted for livelihood security in rural areas by the KVKs

Name of	Training title	Self employed after training	Number of
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KVK		Type of units	Number of units	Number of persons employed	persons employed else where
Sonepur	Back yard Poultry	50 birds per unit	3	3	
Sonepur	Mushroom production	30 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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	Micronutrient application for improving groundnut production	25	28	62	32	48	14400	26600	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	Importance of soil testing and soil test based fertilizer application	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	Improved methods of brinjal production	25	32	56	176	210	57400	96500	1. Area expanded (ha)- 12 2. No. of farmers adopted (no.)- 17 3. 35 % change in knowledge, 75 % production & 25% Income
Sonepur	Nursery raising techniques for cultivation of kharif tomato	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	Production technology of tissue culture banana variety Grand Naine	25	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 method of kharif onion cultivation	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	Horticulture based farming system model in Home stead	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	Fertilizer management in mango and banana	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	Scientific package of practices for cultivation of tuber crops	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	Integrated nutrient management for cabbage and cauliflowers	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	Inter cropping in mango and banana orchard	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	Importance of floriculture for income generation	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	Selection of proper stage for harvesting in vegetable and fruit crops along with its grading, packaging etc.	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	Importance and techniques to use PGRs in horticultural crops	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	Seed production techniques in vegetable	15	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	Water conservation techniques for raising of horticultural crops	15	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	Importance of horticulture in climate resilient conditions	15	28	62	-	-	-	-	-
Sonepur	Exotic vegetable cultivation for high income generation	15	48	79	-	-	-	-	-

Sonepur	Importance and method of seed treatment	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 fungal disease in ground nut	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 BPH/WBPH in paddy	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	LAC cultivation	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	IDM measures for management of wilting in brinjal	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	IPM measures for management of sucking pest management chilli	25	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 YMV in green gram	25	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 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 witches broom in bitter gourd	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	Management of fruit borer in tomato	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	IPM measures for management powdery mildew in pulses	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	ITK strategy for management of stem borer in summer paddy	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	Production and use of bio-pesticides	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	Use of traps in pest control	15	28	62	32	48	24400	36600	Impact on 7. Area expanded (ha)- 230 8. No. of farmers adopted (no.)= 87 9. 48 % change in knowledge, 57 % production & 51% Income
Sonepur	IPM measures for management of stem borer in paddy	15	34	66	-	-	-	-	-
Sonepur	IPM measures for management of pest of pulses	15	36	65	-	-			-
Sonepur	Nutritional garden for food 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 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	Feed management in milch cattle	25	33	56	-	-	-	-	1. Area expanded (ha) 2. No. of farmers adopted (no.) 05
Sonepur	Preparation of value added product from oyster mushroom	25	45	79	-	-	-	50/250 gm pickle	1. Area expanded (ha) 2. No. of farmers adopted (no.) 36 3. 34.2% change in knowledge, 19.10% production & 23.63% Income

Sonepur	Value addition in tomato	25	-	14	-	-	-	65/bottle of tomato sauce	1. Area expanded (ha) 2. No. of farmers adopted (no.)06 3. % change in knowledge,
Sonepur	Techniques of using Women friendly tools and implements for drudgery reduction in groundnut	25	54	68	32	-	-	-	1. Area expanded (ha) 2. No. of farmers adopted (no.)19 3. 24.6% change in knowledge
Sonepur	Use of zero energy cool chamber for storage of vegetable	25	30	68	-	-	-	-	1. Area expanded (ha) 2. No. of farmers adopted (no.)04
Sonepur	Rearing of back yard duckery 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	Preparation of value added products from cole crops	25	-	26	-	-	-	-	1. Area expanded (ha) 2. No. of farmers adopted (no.)- 17 3. 26 % change in knowledge,
Sonepur	Backyard rearing of Rainbow rooster poultry birds	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	Nutritional requirements & low cost diet for pre-schoolers	25	32	54	-	-	-	-	1. Area expanded (ha) 2. No. of farmers adopted (no.)- 11 3. 40.7 % change in knowledge
Sonepur	Cultivation of oyster mushroom	25	45	79	-	1.2kg/bed	-	80/bed	4. Area expanded (ha) 5. No. of farmers adopted (no.) 36 6. 34.2% change in knowledge, 19.10%production & 23.63% Income

Sonepur	Group formation and income generating group activities	15	48	79	-	-	-	-	1. Area expanded (ha) 2. No. of farmers adopted (no.) 16 3. 64.58% change in knowledge,
Sonepur	Preparation of value added product from fruits and vegetables	15	22	64	-	-	-	-	4. Area expanded (ha) 5. No. of farmers adopted (no.)- 8 6. 42.5 % change in knowledge
Sonepur	Nutritional care of farmwomen by utilizing their back yard	15	23	58	-	-	-	-	-
Sonepur	Setting up and management of roof top nutritional garden in NAC areas	15	32	54	-	-	-	-	-

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	19	9	239	57	85	14	3	2			
Sonepur	Kisan Mela	01	3	220	72	123	74	8	3			
Sonepur	Kisan Ghosthi	12	14	106	35	39	28			Transfer of Technology	IPM, IGA	Critical Stage
Sonepur	Exhibition	02	1	216	112	119	63			Interaction with Farmers Problems	Experience Sharing	
Sonepur	Film Show	36	5	96	42	72	33	5	2	To accelerate their	Different crops	Different stage

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			
										Knowledge Dissemination of new technologies		
Sonepur	Method Demonstrations	80	9	41	12	38	19				Agril. And allied sector	
Sonepur	Farmers Seminar	04										
Sonepur	Workshop	00										
Sonepur	Group meetings	48	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	720	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	48	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		

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 encourage the farmers to go 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	02	0									
Sonepur	Soil test campaigns	04	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)	04	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

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Sonepur	Leaflet	Khola aganare kukuda palana	Surya Narayan Mishra, Geetanjali Pradhan, Priyambada Lopamudra Ray	500
Sonepur	Booklet	Unnta pranalire muga chasa	Surya Narayan Mishra, Geetanjali Pradhan, Priyambada Lopamudra Ray	500
Sonepur	Booklet	Unnta pranalire biri chasa	Surya Narayan Mishra, Geetanjali Pradhan, Priyambada Lopamudra Ray	500
Sonepur	Leaflet	Chatu chasa	Surya Narayan Mishra, Geetanjali Pradhan, Priyambada Lopamudra Ray	500

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	Paddy	Yogesh	15.2	41344	5	6.4
Sonepur	Cereal	Paddy	Lalat	41.8	104918	18	65.6
Sonepur	Cereal	Paddy	MTU-7029	57.6	144576	16	54.0

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	Tomato	Utkal kumara, Utkal raja, Utkal dipti, VNR	5500		Public Sale	
Sonepur	Vegetable Seedling	Brinjal	Utkal anushree, VNR	5000			
Sonepur	Vegetable Seedling	Chilli	Utkal ava, VNR	5000			
Sonepur	Vegetable Seedling	Cabbage	Seminis, VNR	4500			
Sonepur	Vegetable Seedling	Onion	Bhima super, Bhima kiran	4000			
Sonepur	Vegetable Seedling	Cauliflower	Sakata, VNR	5500			
Sonepur	Vegetable Seedling	Broccoli	Sakata, VNR	350			
Sonepur	Vegetable Seedling	Drumstick	PKM-1	50			
Sonepur	Flower Seedling	Marigold	Ceracole, Pusa narangi gairinda	1600			

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	3500		17500	19	

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	41245	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	-	-	-	356 nos (Tested by Mrida Parikhyak)	-	-	-	867

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	-	-		-	-	-	-	-

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	2011	2012	5	1	-

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Sonepur	24.11.2016	30	<ul style="list-style-type: none"> 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 Extent technical support to farmers to test their soil samples and encourage the farmers to apply soil test based fertilizer Demonstration on hybrid tomato and paddy for more yield Demonstration on IPM/IDM measures for management of stem borer, BPH, blast disease in paddy Give emphasize on Mushroom cultivation Different varieties onion should be tested to find out the suitable varieties for the locality Demonstration on mulching and drip irrigation Conduct more awareness programme on animal health camp Potential farmers of the integrated farming system need to be studied in the district Cultivation of tissue culture banana suitable for the district Popularization of HYVs of vegetables

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	17	10850	46	Farmers Portal	Plant protection, Income generation, crop production, horticulture

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	20,000	Farmers Scientists Interaction on agriculture and allied sectors	In all six blocks of the Subarnapur district	Conducted one no Farmers Scientists Interaction with 50 farmers

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Sonepur	30797403918	17,749/-		

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, Sonapur	-	-

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Sonapur	Crop Cafeteria	-
Sonapur	Technology Desk	-
Sonapur	Visitors Gallery	-
Sonapur	Technology Exhibition	-
Sonapur	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	Sonapur	Krushna Chandra Meher	Insect Pest Management	Village- Kendumunda G.P- Malikmunda Block- Sonapur District- Subarnapur Distance from KVK- 20 km 9437917724
2	Sonapur	Karam Chand Mohanty	12 Acres Arjun plantation for mulberry production	Village : Gadia, GP: Manikmunda, Block: Sonapur, Mob- 9437330900
3	Sonapur	Sarat Narayan Mishra	Poly mulching in Mango Nursery	Village- Kainphul

				G.P- Mayurudan Block- Sonapur District- Subarnapur Mob: 9437150616
4	Sonapur	Narayan Jena	Vegetable cultivation in Mango orchard	Village: Singhari, GP: Kalapathara, Block: Sonapur Mob-9437706597
5	Sonapur	Jogendra Hota	Farm mechanisation with custom hiring centre at his village	Village: Bhamarpali, GP: Chadeipank, Block: Ulunda Mob-9178971158
6	Sonapur	Basudev Deuri	Integrated Farming System with Horti-Silvi-Pastural System	Village: Bhursapali, GP: Lachipur, Block: Sonapur Mob-9439575303
7	Sonapur	Jogeswar Hota	Mechanised Poultry Farming with Egg production	Village: Analachat, GP;Chadeipank, Block-Ulunda
8	Sonapur	Deb Ji Bhai Patel	Micro Irrigation system in 22 acres sugarcane farm	Village- Khaitikra, GP: Bisimunda, Block: Sonapur, Mob-9937119443
9	Sonapur	Sri Aslam Khan	Fishery	Village :Ainlapali GP :Bisimunda Block : Sonapur M :8249906339
10	Sonapur	Sri Subash Chandra Bhoi	Dairy	Village :Pandakital GP :Mahadevpali Block : Binika

20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers participated
1	15.9.2016	24
2	20.10.2016	16
3	18.11.2016	21
4	17.12.2016	18
5	20.01.2017	14
6	26.02.2017	15
7	16.03.2017	17

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	Dr P.N Jagdev Dean, Extension Education, OUAT, Bhubnaeswar	12.07.16 24.11.2016	-	OUAT, Bhubaneswar	-	-
Sonepur	Prof. Surendranath Pasupalak Vice Chancellor, OUAT, Bhubaneswar	18.03.17		OUAT, Bhubaneswar		
Sonepur	Sj. Dasarathi Satapathy Collector-cum-	24.11.2016 05.12.2016			Govt. of Odisha	

	District Magistrate Subarnapur					
Sonepur	Sj. Abhimanyu Kushal Chairman, Fishery Development Cooperative Society, Govt. of Odisha	05.12.2016			Govt. of Odisha	
Sonepur	Mrs. Saudamini Jena ZillaParishad Member, Subarnapur	05.12.2016			Govt. of Odisha	
Sonepur	Mrs. Sabita Majhi Block Chairman, Subarnapur	05.12.2016			Govt. of Odisha	
Sonepur	Dr Madhumita Das Director, Water Management, ICAR, Bhubaneswar	24.11.2016	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	Sonepur	-	-	-

28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
1.	Sonepur	85	85	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	Geetanjali Pradhan	Scientist (Horticulture)	01	
	Total		01	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Sonepur	01	01

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Sonepur	Geetanjali Pradhan	Scientist (Horticulture)	02	

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

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	Dr. S.N. Mishra	Sr. Scientist & Head	1	

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Sonepur	01	01

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- Jogesh	10	15

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries
Sonepur	Black gram	5	10

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No. of participants
Sonepur	-	-	-

Animal health camps organized

Name of KVK	Number of camps	No.of animals	No.of farmers
Sonepur	1	74	36

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Sonepur	Paddy	20	10	15

Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Seedlings				
Sonepur	-	-	-	-

Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers
Sonepur	-	-	-	-

Bio-Fertilizer

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

Vermes Produced

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

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	20	15

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	6	150	3	90	2	100	1	250	1	250	-	-

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- Jogesh	20	23	38	15
Demonstration of Arhar in farm bund for efficient utilization of moisture	Arhar	1.0	15.4	-	15
IPM measures for management of sucking pest in chilli , brinjal	Chilli, Brinjal Tomato	4.0	43.5, 182, 375	18.67, 15.18, 16.45	10

and tomato					
Demonstration on weed & pest management in green gram	Greengram	10	7.1	22.41	20
Demonstration of black gram in Kharif	Black gram	5	6.5	32.65	10

2. Proposed Extension Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Field day	76	24	5	105
Animal Health camp	36	-	4	40
Farmers- Scientist interaction	42	28	6	76

3. Proposed Training Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Training	100	50	5	155

4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status
-	-	-

5. Proposed Activities for Seed Bank

Established (Years)	Capacity	Current Status
2014	15Qtl	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.

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	3	1

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) –