

# ANNUAL PROGRESS REPORT

## 2016 – 17



**KRISHI VIGYAN KENDRA**  
**NARAYANPUR, (C.G.)**



# Contents

Sl. No.	Particular	Page No
	Summary of Action Plan during 1 <sup>st</sup> April 2016 to 31 <sup>st</sup> March 2017	3-4
1	General Information	5-10
2	On Farm Testing	11-15
3	Frontline Demonstrations	16-20
4	Feedback System	21-23
5	Training programmes	24-30
6	Extension Activities	31
7	Production and supply of Technological products	32-33
8	Activities of Soil and Water Testing Laboratory	33
9	Rainwater Harvesting System	33
10	Kisan Mobile Advisory	33
11	Details of SAC Meeting	34
12	Literature to be Developed/Published	34-36
13	Convergence with Agricultural Schemes	36
14	Utilization of Farmer Hostel	37
15	Utilization of Staff Quarter	37
16	Details of KVK Agro-technological Park	37-39
17	Farm Innovators	39-40
18	KVK Progressive farmer interaction	40-41
19	Outreach of KVK	41
20	Technology Demonstrations under TDHPP/Tribal Sub Plan/QPM	41
21	KVK Ring	42
22	Important visitors to KVK	42
23	Status of KVK Website	42
24	Status of RTI	43
25	E-Connectivity (E- Linkage Lab)	43
26	Details of Technology Week Celebrations	43
27	Interventions on Drought Mitigation	44-46
28	Activities Under NICRA	46-47
29	Activities under NAIP	47
30	Status of Revolving Funds	48
31	Awards & Recognitions	48
32	Case study / Success Story	48
33	Well labeled photographs of various activities in JPEG format	49-

## **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 mentioning “Additional Information”**
- 9. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.**

## PERIOD – April 2016 to March, 2017

### Summary of the activities

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries	
	OFTs	12	60	11	56	
	FLDs – Oilseeds (activity in ha)	10	8	10	8	
	FLDs – Pulses (activity in ha)	200	200	200	192	
	FLDs – Cotton (activity in ha)					
	FLDs – Other than Oilseed and pulse crops(activity in ha)	10	70	9	72	
	FLDs – Other than Crops (activity in no. of Unit/Enterprise)					
	Training-Farmers and farm women	80	1500	133	1744	
	Training-Rural youths	25	500	33	542	
	Training- Extension functionaries	10	170	12	216	
	Extension Activities	500	5000	510	9353	
	Seed Production (Number of activity as seeds in quintal)	100	200	117	327	
	Planting material ((Number of activity as quantity of planting material in quintal)	10000	100	10000	130	
	Seedling Production (Number of activity as number of seedlings in numbers)	9000	70	9000	75	
	Sapling Production (Number of activity as number of sapling in numbers)	1000	30	1000	55	
	Other Bio- products (No. of quantity)	50kg	10	82kg	15	
	Live stock products	800kg		805kg		
	Activities of Soil and Water Testing Laboratory	2000	10000	2255	11413	
	Rainwater Harvesting System					
	Kisan Mobile Advisory (KVK-KMA)	48	2284	52	2499	
	SAC Meeting (Date & no. of core/ official members)	2	50	1	24	
	Literature to be Developed/Published	10		16		
	Convergence programmes / Sponsored programmes			13	Rs. 5150524.00	
	Utilization of Farmers Hostel	Nil				
	Utilization of Staff Quarters	Nil				

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries	
	Details of KVK Agro-technological Park					
	Crop Cafeteria-	7		7		
	Farm Innovators- list of 10 farm innovators from the District	10	10	10	10	
	Status of Revolving Funds			Profit		
	Awards and Recognitions				20	
	Case study / Success Story to be developed	5	5	5	5	
	KVK Progressive Farmers interaction	30		38		
	Outreach of KVK in the District (No. of blocks, no. of villages)	2	130	2	139	
	Technology Demonstration under Tribal Sub Plan	3	300	3	281	
	KVK Ring	3		3		
	Important visitors to KVK			11		
	Status of KVK Website			24	2660	
	Status of RTI			Nil		
	E-connectivity			Nit		
	Details of Technology Week Celebrations					
	Interventions on Drought Mitigation			150	343	
	Proposal of NAIP					
	Proposal of NICRA					
	Well labeled photographs					
	Other Activities					

## GENERAL INFORMATION

## 1.1. Staff Position (as on date)

### Summary of Staff position in KVKs as on March, 2016

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Narayanpur	16	1	-	6	3	3	1	6	3	16	7

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
Narayanpur	Programme Coordinator	<b>N.K .Nag I/c PC</b>	Agronomy	M.Sc.(Ag.)	Agronomy			01.08.2016	Temporary	ST
	Subject Matter Specialist1	D. Das	Soil Science	M.Sc.(Ag.)	Soil Science	15600 - 39100+ 5400	15600 + 5400	26.09.2014	Temporary	GEN
	Subject Matter Specialist2	R. R. Korram	Agril. Ext.	M.Sc.(Ag.)	Agril. Ext.	15600 - 39100+ 5400	15600 + 5400	23.09.2014	Temporary	ST
	Subject Matter Specialist3	M. K. Verma	Agronomy	M.Sc.(Ag.)	Agronomy	15600 - 39100+ 5400	15600 + 5400	22.09.2014	Temporary	OBC
	Subject Matter Specialist4	<b>R.K. Modi</b>	Entomology	M.Sc.(Ag.)	Entomology	15600 - 39100+ 5400	15600 + 5400		Temporary	GEN
	Subject Matter Specialist5	<b>Vacant</b>								
	Subject Matter Specialist6	<b>Vacant</b>								
	Programme Assistant	J. K. Meshram	Pathology	M.Sc.(Ag.)	Pathology	9300-34800+4200	9300+4200	14.10.2014	Temporary	SC
	Farm Manager	<b>Vacant</b>								
	Computer Programmer	<b>S.K.. Sinha</b>	Art	MA	PGDCA	9300-34800+4200	9300+4200	06.09.2012	Temporary	OBC
	Accountant / superintendent	S. K. Varma	Art	MA		5200-20200+2800	11900+2800	10.04.1989	Temporary	OBC
	Stenographer	<b>Vacant</b>								
	Driver	Shri D.S. Netam		12th		5200-20200+2200	7920+2200	26.04.2008	Temporary	ST
	Driver	Shir S.L. Gilhare		8th		5200-20200	5680+1900	04.04.2013	Temporary	SC

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
	Supporting staff									
	Supporting staff									

## 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
NARAYANPUR	Baster platue	2	69	139820	48.62%	93093	17833	3.217

### District Profile

Sl. No.	Subject matter	Unit (000)	NARAYANPUR
T 1	2	3	4
1.	Average Rainfall	mm	1371.00
2.	Geographical Area	Sq. KM	6640.00
4.	Net cultivated	ha	57370.00
5.	Double cropped area	ha	7770.00
6.	Gross cropped area	ha	70900.00
7.	Kharif area	ha	57340.00
8.	Rabi area	ha	7770.00
9.	Total cropped area	ha	65110.00
10.	Cropping Intensity	%	113.55%
12.	Agriculture fallow land	ha	5.670
13.	Grass land area	ha	1.334
14.	Fallow soil		
	• Current fallow (1-2)	ha	5.611
	• Old fallow	ha	5.670
	• Other fallow	ha	11.281
	Total fallow	ha	22.562
15.	<b>Total Irrigated area</b>		
	• Kharif Irrigated area	ha	5.795

	• Rabi Irrigated area	ha	1.559
	• Kharif Irrigated	%	10.11%
	• Rabi Irrigated	%	2.71%
	<b>(Kharif + Rabi) Total irrigated area (ha)</b>		
	• Canals	ha	400
	• Ponds	ha	3300
	• Tube wells	ha	385
	• Wells	ha	195
	• Other	ha	1515
	<b>TOTAL</b>		<b>5795</b>
16.	Farmer family		
	• SC	No	751
	• ST	No	13504
	• GEN	No	3578
	<b>TOTAL</b>		<b>17833</b>
17.	Marginal farmer	No	5465
	Small farmer	No	4656
	Large farmer	No	7712
	<b>TOTAL</b>		<b>17833</b>
18.	No. of Village		
	• Revenue villages	No	174
	• Forest village	No	192
	<b>TOTAL VILLAGE</b>		<b>366</b>
19.	Population (2011)		
	• Male	No	70104
	• Female	No	69716
	<b>TOTAL</b>		<b>139820</b>
20.	Electrification	No	115
21.	Tahsil	No	2
22.	Total blocks	No	2



23.	Gram punchayat	No	69
24.	Janpad punchayat	No	2
25.	Nagar Nigam	No	-
26.	Nagar Palika	No	-
27.	Nagar Panchayat	No	1
28.	MLA area	No	1
29.	Parliamentary area	No	-
30.	Rajyasabha area	No	-
31.	<b>Literary</b>		49.9%
	• Male	No	58.97%
	• Female	No	40.22%
32.	<b>Adan Districum kendra</b>		
	• Co-operative	No	5
	• Private	No	8
	<b>TOTAL</b>		<b>13</b>
33.	<b>Govt. Ag. Farm</b>	No	1
34.	<b>Agriculture Implement Seva Centre</b>	No	

### 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)
Narayanpur	Sakribeda	2016-17	Narayanpur	12Km	1101	

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

KVK Name	THRUST AREA
Narayanpur	Enhancement of productivity of major crops like Paddy, Maize, Niger, Ragi, Blackgram, Linseed etc. through varietals diversification, INM, IPM and scientific management practices.
Narayanpur	Enhancement of productivity of horticultural crops by introduction of HYV and other scientific management practices
Narayanpur	Mechanization through introduction of improved implements.
Narayanpur	Empowerment of women through various women based income generating activities
Narayanpur	Income generation through value addition of crops & NTFP produce
Narayanpur	To improve living standards of rural people through Sanitation ,health hygiene and balanced diet
Narayanpur	To promote rural youth for self employment
Narayanpur	Post harvest technique and value addition

Narayanpur	Soil and water conservations activities for increase water holding and cropping area
Narayanpur	Increasing cropping intensity in rain fed areas.
Narayanpur	Varietal replacement of various crops.
Narayanpur	Integrated nutrient management
Narayanpur	Integrated pest management
Narayanpur	Organic farming
Narayanpur	Integrated weed management
Narayanpur	Marketing problem

#### 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
Narayanpur	Low yield due to local variety	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Palki,Binjali,Karlakha, Sakribeda,Devgaon,Benur, Kerlapal,Bhatpal,Sirpur,Bakulbahi Khairabhat (Narayanpur)
Narayanpur	Imbalance use of fertilizer	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Palki,Binjali,Karlakha, Sakribeda,Devgaon,Benur, Kerlapal,Bhatpal,Sirpur,Bakulbahi Khairabhat (Narayanpur)
Narayanpur	Timely unavailability of quality seeds	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Palki,Binjali,Karlakha, Sakribeda,Devgaon,Benur, Kerlapal,Bhatpal,Sirpur,Bakulbahi Khairabhat (Narayanpur)
Narayanpur	Infestation of insect pests	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Palki,Binjali,Karlakha, Sakribeda,Devgaon,Benur, Kerlapal,Bhatpal,Sirpur,Bakulbahi Khairabhat (Narayanpur)
Narayanpur	Lack of irrigation facilities	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Palki,Binjali,Karlakha, Sakribeda,Devgaon,Benur, Kerlapal,Bhatpal,Sirpur,Bakulbahi Khairabhat (Narayanpur)
Narayanpur	Low cropping intensity area during Rabi Session, Open Grazing problem during rabi season	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Palki, Binjali,Karlakha, Sakribeda,Devgaon,Benur, Kerlapal,Bhatpal,Sirpur,Bakulbahi Khairabhat (Narayanpur)
Narayanpur	Lack of technical knowledge	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Palki,Binjali, Karlakha, Sakribeda,Devgaon, Benur, Kerlapal,Bhatpal,Sirpur,Bakulbahi Khairabhat (Narayanpur)
Narayanpur	Lack of post harvest & value	Through PRA tools and Discussion with the	Palki,Binjali,Karlakha, Sakribeda, Devgaon, Benur,

	addition	group of farmer, farm women and rural youth	Kerlapal,Bhatpal,Sirpur,Bakulbahi Khairabhat (Narayanpur)
Narayanpur	Malnutrition and Sanitation	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Palki, Binjali, Karlakha, Sakribeda, Devgaon, Benur, Kerlapal, Bhatpal, Sirpur, Bakulbahi Khairabhat (Narayanpur)
Narayanpur	Low yield due to local variety	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Palki, Binjali, Karlakha, Sakribeda, Devgaon, Benur, Kerlapal, Bhatpal, Sirpur, Bakulbahi Khairabhat (Narayanpur)

## 2. On Farm Testing

### 2.1 Information about OFT to be conducted

KVK name	Year/season	Problem diagnose	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	Target	No. of trials	Title of OFT	Results (with parameter)		Net Returns (Rs./ha)	
										Farmer practice T1	Rec. Tech T2	T1	T2
Naray anpur	Kharif, 2016	Low yield	Assessment	Plant protection	Rice	Mid land/ Lowland Rice-Fellow	04	04	Assessment of insecticidal treatment against gall midge(Orselia oryzae)	28	30	22000	24400
Naray anpur	Kharif, 2016	Low yield due to heavy infestation of weeds in line sown rice	Assessment	Integrated crop management	Rice	Mid land/ Lowland Rice-chickpea	04	04	Assessment of improved management practices in direct line seeded rice	30.9	37.8	17850	31250
Naray anpur	Kharif, 2016	Low yield due to heavy infestation of weeds	Assessment	Weed management	Black gram	Upland Black gram-Fellow	04	04	Assessment of weed management in black gram	6.0	7.5	10600	18750
Naray anpur	Kharif, 2016	Low yield due to imbalance and inadequate nutrients applicat	Assessment	Soil fertility management	Rice	Midland Rice-chickpea	07	07	Assessment of integrated nutrient management in Rice	30.00	38.50	15800	24850

		ion											
Naray anpur	Kharif, 2016	High cost, unavailability of urea and eradication of soil	Assessment	Soil fertility management	Rice	Midland/ lowland Rice-chickpea	07	07	Assessment of green manure application in transplanted Rice	28.40	37.00	17200	25400
Naray anpur	Rabi, 2016	Low yield due to major insect pest of brinjal	Assessment	IPM(Integrated Pest Management)	Brinjal	Upland Brinjal-fellow	04	04	Assessment of IPM module against major insect pest of brinjal	160	230	85000	135000
Naray anpur	Rabi, 2016	Low yield due to major insect pest of Chickpea	Assessment	IPM(Integrated Pest Management)	Chickpea	Midland chickpea-Fellow	04	04	Assessment of IPM module against major insect pest of Chickpea	5.5	8.0	25000	43000
Naray anpur	Rabi, 2016	Low yield	Assessment	Crop management	Rice	Midland chickpea-Fellow	04	04	Assessment of yield maximization of chickpea in rice based cropping system	6.8	12.5	8600	27750
Naray anpur	Rabi, 2016	Low yield	Assessment	Crop management	Field pea	Midland Field pea - Fellow	04	04	Assessment of practices for yield maximization of field pea	6.3	10.8	7900	23300
Naray anpur	Rabi, 2016	Low yield due to	Assessment	Soil fertility management	Cauliflower	Bhindi-Cauliflower	07	07	Assessment of micronutrients application in	132.84	210.32	56945	123044

		micronutrient Zn & boron deficiency		ment					Cauliflower				
Naray anpur	Rabi, 2016	High cost and residual effect of fertilizers resulting deterioration of soil and human health	Assessment	Soil fertility management	Tomato	Vegetable	07	07	Assessment of panchgavya application in Tomato	238.40	235.65	49900	154950

### 2.1a Recommendations of OFTs

Recommendations		
Title of OFT	For Farmers	For Deptt. Personnel
Assessment of improved management practices in direct line seeded rice	Improved management practice like 40 kg seed/ha + oxadiargyl @ 70 g a.i./ha followed by Bispyribac sodium @ 25 g a.i./ha at 25-30 DAS has saved money in terms of saving seed rate and increased yield	Improved management practice like 40 kg seed/ha + oxadiargyl @ 70 g a.i./ha followed by Bispyribac sodium @ 25 g a.i./ha at 25-30 DAS has saved money in terms of saving seed rate and increased yield
Assessment of weed management in black gram	Pendimethalin 30 EC + Imazethapyr 2 EC @ 0.75 kg/ha mostly control the weeds and saved labour cost	Pendimethalin 30 EC + Imazethapyr 2 EC @ 0.75 kg/ha mostly control the weeds and saved labour cost
Assessment of integrated nutrient management in Rice	Integrated nutrients application increased crop yield, organic matter and sustained soil health.	Integrated nutrients application increased crop yield, organic matter and sustained soil health.
Assessment of green manure	Use of green manuring increased crop yield	Use of green manuring increased crop yield and increased

application in transplanted Rice	and increased the organic carbon content in soil and sustained soil health	the organic carbon content in soil and sustained soil health
Assessment of yield maximization of chickpea in rice based cropping system	50kg seed/ha , 50cm X 20cm spacing along with one nipping at 30 DAS has maximized the yield from 6.8 to 12.5 q ha <sup>-1</sup>	50kg seed/ha , 50cm X 20cm spacing along with one nipping at 30 DAS has maximized the yield from 6.8 to 12.5 q ha <sup>-1</sup>
Assessment of practices for yield maximization of field pea	Line sowing with RDF (Var. - Subhra) has maximized the yield from 6.3 to 10.8 q ha <sup>-1</sup>	Line sowing with RDF (Var. - Subhra) has maximized the yield from 6.3 to 10.8 q ha <sup>-1</sup>
Assessment of micronutrients application in Cauliflower	Use of micronutrients (Zn and B) reduced the whip like symptoms, plant growth were optimum and higher production	Use of micronutrients (Zn and B) reduced the whip like symptoms, plant growth were optimum and higher production
Assessment of panchgavya application in Tomato	Use of panchgavya can substituted the chemical fertilizer	Use of panchgavya can substituted the chemical fertilizer

## 2.2 Economic Performance

KVK name	OFT Title	Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	RP (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	RP (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP(T <sub>2</sub> )	RP (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	RP (T <sub>3</sub> )
Narayanpur	Assessment of insecticidal treatment against gall midge( <i>Orselia oryzae</i> )	20000	20600		42000	45000		22000	24400		2.1	2.4	
Narayanpur	Assessment of improved management practices in direct line seeded rice	28500	25450	24000	46350	56700	60150	17850	31250	36150	1.62	2.22	2.50
Narayanpur	Assessment of weed management in black gram	17000	15750		27600	34500		10600	18750		1.62	2.19	
Narayanpur	Assessment of integrated nutrient management in	20800	23900		30600	48750		9800	24850		1.47	2.04	

	Rice												
Narayanpur	Assessment of green manure application in transplanted Rice	20800	22210		32100	49500		11300	27290		1.54	2.23	
Narayanpur	Assessment of IPM module against major insect pest of brinjal	75000	95000		160000	230000		85000	135000		2.13	2.42	
Narayanpur	Assessment of IPM module against major insect pest of Chickpea	20000	22000		33750	49500		25000	43000		1.69	2.20	
Narayanpur	Assessment of yield maximization of chickpea in rice based cropping system	22000	28500		30600	56250		8600	27750		1.39	1.97	
Narayanpur	Assessment of practices for yield maximization of field pea	20450	25300		28350	48600		7900	23300		1.38	1.92	
Narayanpur	Assessment of micronutrients application in Cauliflower	75895	87276		132840	210320		56945	123044		1.75	2.41	
Narayanpur	Assessment of panchgavya application in Tomato	69300	80700		119200	235650		49900	154950		1.72	2.92	



### 3. Frontline Demonstrations

#### 3.1. Follow-up for results of FLDs implemented during previous years (upto 2015-16)

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
Narayanp ur	cowpea	Varietal	Introduction of improved variety of cowpeas-Indira barbati lal	Improved variety	22	25	15
Narayanp ur	Elephant footyam	Varietal	Demonstration on improved variety of elephant footyam- Gajendra	Improved variety	09	62	26
Narayanp ur	Tomato	Varietal Demonstration	Demonstration of triple disease resistance variety of hybrid tomato -Arka Rakshak	High yield variety	12	24	15
Narayanp ur	Rice	IDM	Management of false smut of rice	Chemical treatment	17	35	10
Narayanp ur	Brinjal	Varietal demonstration	Introduction of bacterial wilt resistant variety of Brinjal	High yield variety	16	26	09
Narayanp ur	Brinjal	IPM module	Validation of IPM module against insect pest of brinjal	IPM module	25	75	12
Narayanp ur	Horsegram	Varietal demonstration	Improved variety of Horsegram	Improved variety	08	41	17
Narayanp ur	Rice	Varietal demonstration	High nutritious upland variety of rice	Improved variety	05	52	16
Narayanp ur	wheat	Varieta demonstration	Improved variety of wheat	Improved variety	15	10	25
Narayanp ur	Chick pea	Releccropping	Utera cultivation of chickpea JG- 74	Additional production	10	31	31
Narayanp ur	Rice	Nutrient Management	STCR based nutrient management in rice	Improved practice	09	51	51
Narayanp ur	Maize	Nutrient Management	STCR based nutrient management in maize	Improved practice	24	18	18
Narayanp ur	Vermicomposting	Nutrient Management	Assessment of in situ recycling of farm waste	Composting	18	24	35

#### 3.2 Details of FLDs to be implemented during 2016-17

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop-Area (ha) / Entrep - No.	Name of Variety Entreprizes	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Narayanpur	Weed management	Rice	Kharif, 2016-17	Demonstration on Skipping biasi through reduced seed rate and weed management	05	MTU - 1010	35.8	29.4	21.76	1	4			5
Narayanpur	Varietal evaluation	Rice	Kharif, 2016-17	Demonstration on High nutritious upland variety of Rice	05	Chhatti sgarh Zinc Rice-1	35.5	32.0	10.93	2	8			10
Narayanpur	Nutrient Management	Rice	Kharif, 2016-17	Demonstration on STCR based nutrient management in Rice	05	MTU - 1010	36.5	23.0	58.70		10			10
Narayanpur	Soil fertility management	Rice	Kharif, 2016-17	Demonstration on Micronutrient application in Rice	05	MTU - 1010	29.00	21.50	34.88	1	07			10
Narayanpur	Varietal evaluation	Brinjal	Rabi 2016-17	FLD on wilt resistant variety of Brinjal	05	Arka Aanand	220	165	33.33	2	08			10
Narayanpur	Varietal evaluation	Tomato	Rabi 2016	Demonstration on Triple disease resistance variety of hybrid tomato	05	Arka rakshak	375	225	67.00		10			10
Narayanpur	Weed management	Black gram	Kharif - 2016	Demonstration on Weed Management in Black Gram	05	Deshi	7.0	5.7	22.80		07			7

Narayanpur	Nutrient Management	Maize	Rabi – 2016-17	Demonstration on STCR based nutrient management in maize	05	900M gold	45.65	29.20	56.34		10			10
Narayanpur	Nutrient Management	Rice	Rabi – 2016-17	Integrated nutrient management in upland Rice	05	Shyamleshwari	36.50	26.80	36.19		10			10

### 3.3 Economic Impact of FLD

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	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	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check
Narayanpur	Rice	Demonstration on Skipping biasi through reduced seed rate and weed management	Yield (q/ha)	35.8	29.4	25500	30000	53700	44100	28200	14100	2.10	1.47
Narayanpur	Rice	Demonstration on High nutritious upland variety of Rice	Yield (q/ha)	35.5	32.0	25000	28000	53250	48000	28250	20000	2.15	1.71
Narayanpur	Rice	Demonstration on STCR based nutrient management in Rice	Yield (q/ha)	36.5	23.0	24400	20500	54750	34500	30350	14000	2.24	1.68
Narayanpur	Rice	Demonstration on Micronutrient application in Rice	Yield (q/ha)	29.00	21.50	22750	20500	43500	32250	20750	11750	1.91	1.42
Narayanpur	Brinjal	FLD on wilt resistant variety of Brinjal	Yield (q/ha)	225	125	60000	45000	132000	75000	72000	30000	2.2	1.66

Narayanpur	Tomato	Demonstration on Triple disease resistance variety of hybrid tomato	Yield (q/ha)	375	225	1400 00	1200 00	375 000	2250 00	2350 00	1050 00	2.7	1.9
Narayanpur	Black gram	Demonstration on Weed Management in Black Gram	Yield (q/ha)	7.0	5.7	1455 0	1700 0	322 00	2622 0	1765 0	9220	2.21	1.54
Narayanpur	Maize	Demonstration on STCR based nutrient management in maize	Yield (q/ha)	45.6 5	29.20	3000 0	2592 0	684 75	4380 0	3847 5	1788 0	1.69	2.28
Narayanpur	Rice	Integrated nutrient management in upland Rice	Yield (q/ha)	36.5 0	26.80	2390 0	2150 0	547 50	4020 0	3085 0	1870 0	1.87	2.29

### 3.4 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Narayanpur	Rice	Field days	4	81	
		Farmers Training	10	315	
		Media coverage	1	mass	
		Training for extension functionaries	2	32	
Narayanpur	Maize	Field days	02	25	
		Farmers Training	03	47	
		Media coverage	01	mass	
		Training for extension functionaries	01	16	
Narayanpur	Chick pea	Field days	01	29	
		Farmers Training	02	70	
		Media coverage	0	0	
		Training for extension functionaries	01	12	
Narayanpur	Field pea	Field days	02	45	
		Farmers Training	01	69	
		Media coverage	01	Mass	
		Training for extension functionaries	01	16	

Narayanpur	Black gram	Field days	01	11	
		Farmers Training	01	21	
		Media coverage	0	0	
		Training for extension functionaries	01	12	
Narayanpur	Brinjal	Field days	01	36	
		Farmers Training	01	41	
		Media coverage	01	Mass	
		Training for extension functionaries	01	16	
Narayanpur	Tomato	Field days	02	62	
		Farmers Training	02	71	
		Media coverage	01	Mass	
		Training for extension functionaries	01	15	
Narayanpur	Cauliflower	Field days	01	29	
		Farmers Training	01	32	
		Media coverage	01	Mass	
		Training for extension functionaries	02	16	
Narayanpur	vegetable crops	Field days	03	63	
		Farmers Training	03	97	
		Media coverage	01	Mass	
		Training for extension functionaries	01	17	
Narayanpur	Soil sample collection	Field days	04	81	
		Farmers Training	07	304	
		Media coverage	04	Mass	
		Training for extension functionaries	05	79	
Narayanpur	Vermicomposting	Field days	03	62	
		Farmers Training	06	195	
		Media coverage	01	Mass	
		Training for extension functionaries	03	42	

### 3.5 Details of FLD on crop hybrids.

Sr.No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.
1	Narayanpur	Tomato	Arka Rakshak	IIHR, Bangalore	10	05
2	Narayanpur	Brinjal	Arka Anand	IIHR, Bangalore	10	05
3	Narayanpur	Maize	900M gold	Mansento	10	05

## 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
Narayanpur	Assessment of improved management practices in direct line seeded rice	40 kg seed/ha + oxadiargyl @ 70 g a.i./ha followed by Bispyribac sodium @ 25 g a.i./ha at 25-30 DAS	Improved management practice like 40 kg seed/ha + oxadiargyl @ 70 g a.i./ha followed by Bispyribac sodium @ 25 g a.i./ha at 25-30 DAS has saved money in terms of saving seed rate and increased yield	Yes
Narayanpur	Assessment of weed management in black gram	Pendimethalin 30 EC + Imazethapyr 2 EC @ 0.75 kg/ha	Pendimethalin 30 EC + Imazethapyr 2 EC @ 0.75 kg/ha mostly control the weeds and saved labour cost	Yes
Narayanpur	Assessment of integrated nutrient management in Rice	50% RDF (50:30:20 kg N:P:K ha <sup>-1</sup> ) + 5t/ha FYM + Seed treatment PSB @10g/kg	Integrated nutrients application increased crop yield, organic matter and sustained soil health	Yes
Narayanpur	Assessment of green manure application in transplanted Rice	Major nutrient and green manure crop -Dhaincha application	Use of green manuring increased crop yield and increased the organic carbon content in soil and sustained soil health	Yes
Narayanpur	Assessment of IPM module against major insect pest of brinjal	Use of Pheromone trap @ 25/ha, Light trap@ 1/ha Yellow sticky trap 10/ha, Use of Neem oil, Need based chemical Thiodicarb 75 WP @ 1 KG/ha	IPM tool against insect pest of brinjal	Yes

Narayanpur	Assessment of IPM module against major insect pest of Chickpea	IPM Tools (Use pheromone trap @ 25/hac, bird perches @ 25/ hac, NPV 100 LE/acre Chemicals. Indoxacarb 14.8 SC 250 ml/ha./ Emamectin benzoate 5% SG 220 gm/ha.)	use of IPM tools against insect pest of chickpea it is beneficial to farmer they can use for insect control	Yes
Narayanpur	Assessment of yield maximization of chickpea in rice based cropping system	50kg seed/ha , 50cm X 20cm spacing along with one nipping at 30 DAS	50kg seed/ha , 50cm X 20cm spacing along with one nipping at 30 DAS has maximized the yield from 6.8 to 12.5 q ha <sup>-1</sup>	Yes
Narayanpur	Assessment of practices for yield maximization of field pea	Line sowing with RDF (Var. - Subhra)	Line sowing with RDF (Var. - Subhra) has maximized the yield from 6.3 to 10.8 q ha <sup>-1</sup>	Yes
Narayanpur	Assessment of micronutrients application in Cauliflower	Application of micronutrients (Zn through ZnSO <sub>4</sub> @25Kg Zn ha <sup>-1</sup> & B through Borax @05Kg B ha <sup>-1</sup> )	Use of micronutrients (Zn and B) reduced the whip like symptoms, plant growth were optimum and higher production	Yes
Narayanpur	Assessment of panchgavya application in Tomato	Cow dung 5kg+ cow urine 5lit+ milk 2lit+ curd 2kg+ ghee 0.5kg + Jaggury 1kg + Banana 10 pcs + tender coconut 2 lit	Use of panchgavya can substituted the chemical fertilizer	Yes
Narayanpur	Demonstration on Skipping biasi through reduced seed rate and weed management	50 kg seed/ha Pre emergence application of Pyrazosulfuron@20 g/ha (3-4 DAS) followed by a post emergence application of Bispyribac Na @ 25 g/ha (2-3 leaf stage or 20-25 DAS)	50 kg seed/ha Pre emergence application of Pyrazosulfuron@20 g/ha (3-4 DAS) followed by a post emergence application of Bispyribac Na @ 25 g/ha (2-3 leaf stage or 20-25 DAS) has increased yield	Yes
Narayanpur	Demonstration on High nutritious upland variety of Rice	Chhattisgarh Zinc Rice - 1	Chhattisgarh zinc rice -1 mainly produced for zinc contain	Yes
Narayanpur	Demonstration on STCR based nutrient management in Rice	STCR based fertilizer recommendation in rice (targeted yield 50q/ha)	STCR technology has increased the crop yield in terms of increasing fertilizer and sustain soil health	Yes
Narayanpur	Demonstration on Micronutrient application in Rice	RDF + micronutrient (Zn) application	Micro nutrient has increased the crop yield in terms of increasing fertilizer and sustain soil health	Yes

Narayanpur	FLD on wilt resistant variety of Brinjal	Improved variety of Brinjal- Arka Aanand	Arka anand variety against bacterial wilt prove better result	Yes
Narayanpur	Demonstration on Triple disease resistance variety of hybrid tomato	Triple disease resistance variety of hybrid Tomato (Arka rakshak) with improved package of practice	Triple resistant (LCV, Wilt, Early blight) variety of Tomato Arka rakshak showed excellent performance in Narayanpur's soil and climate	Yes
Narayanpur	Demonstration on Weed Management in Black Gram	Application of post emergence weedicide imazethapyre @ 60 g a.i./ha at 15-20 DAS	Application of post emergence herbicide imazethapyre @ 60 g a.i./ha at 15-20 DAS has reduced the weed infestation	Yes
Narayanpur	Demonstration on STCR based nutrient management in maize	STCR based fertilizer application in maize (targeted yield 60q/ha)	STCR technology has increased the crop yield in terms of increasing fertilizer and sustain soil health	Yes
Narayanpur	Integrated nutrient management in upland Rice	50% RDF (100:60:40)+ FYM @2.5ton/ha + seed treatment with azotobactor @10gm/kg + PSB @10 gm/kg	INM not only increased yield but also supply all the essential nutrients to plant and improved soil health status	Yes

#### 4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Narayanpur	Improved management practice like 40 kg seed/ha + oxadiargyl @ 70 g a.i./ha followed by Bispyribac sodium @ 25 g a.i./ha at 25-30 DAS has saved money in terms of saving seed rate and increased yield
Narayanpur	Pendimethalin 30 EC + Imazethapyr 2 EC @ 0.75 kg/ha mostly control the weeds and saved labour cost
Narayanpur	Integrated nutrients application increased crop yield, organic matter and sustained soil health.
Narayanpur	Use of green manuring increased crop yield and increased the organic carbon content in soil and sustained soil health
Narayanpur	50kg seed/ha , 50cm X 20cm spacing along with one nipping at 30 DAS has maximized the yield from 6.8 to 12.5 q ha <sup>-1</sup>
Narayanpur	Line sowing with RDF (Var. - Subhra) has maximized the yield from 6.3 to 10.8 q ha <sup>-1</sup>
Narayanpur	Use of micronutrients (Zn and B) reduced the whip like symptoms, plant growth were optimum and higher production
Narayanpur	Use of panchgavya can substituted the chemical fertilizer
Narayanpur	Improved management practice like 40 kg seed/ha + oxadiargyl @ 70 g a.i./ha followed by Bispyribac sodium @ 25 g a.i./ha at 25-30 DAS has saved money in terms of saving seed rate and increased yield

#### Abbreviation Used



FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	(C) Extension Personnel
ONC	On Campus Training Programme
OFC	Off Campus Training Programme
M	Male
F	Female
T	Total
<b>Thematic Areas for Training</b>	
CP	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
RY	Rural Youth
IS	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, use abbreviations only.

**Table 5.1: 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 to be involved
Narayanpur	Life MGNREGA	Interview	01/09/2016 – KVK	50
Narayanpur	Life MGNREGA	Interview	23/09/2016 – KVK	42
Narayanpur	Life MGNREGA	Interview	17/11/2016 - Borand	62
Narayanpur	Life MGNREGA	Interview	13/12/2016 – H.Munjhmeta	57
Narayanpur	Life MGNREGA	Interview	30/12/2016 – KVK	46
Narayanpur	Life MGNREGA	Interview	27/02/2017 – KVK	51
Narayanpur	VTP	Interview	24.01.17-15.02.17	72
Narayanpur	VTP	Interview	1.02.17-15.02.17	54

**Table 5.2.** Details of Training programmes to be conducted by the KVKs.

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		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	17
Narayanpur	FW	ONC	CBD/CP	Training on sustainable agriculture system in dry land conditions	4	1	44	-	-	-	-	35	9	-	-
Narayanpur	FW	OFC	CP	Training on Preparation of Kharif Pulse and Oil seed crops	2	1	27	3	-	-	2	20	-	-	-
Narayanpur	FW	ONC	OTH	Training on Organic Farming	3	1	28	4	-	-	2	19	-	1	2
Narayanpur	RY	ONC	PLP/FIS	Training on poultry, fishery, duckery farming	4	2	25	-	1	-	-	15	9	-	-
Narayanpur	FW	OFC	CBD/CRP	Group discussion to farmers for Kharif crops cultivation weed management	1	1	35	-	2	-	1	17	11	2	2
Narayanpur	FW	OFC	CP	Training on Preparation of Kharif crops	1	1	35	-	-	-	-	21	14	-	-
Narayanpur	FW	OFC	CBD	Training on Integrated farming system	4	2	29	-	-	-	1	18	10		
Narayanpur	FW	OFC	CP	Training on Preparation of Kharif crops	1	1	30	2	1	1	1	20	2	3	1
Narayanpur	FW	ONC	OTH	Training on Organic farming	4	1	25	2			2	18	3	-	-
Narayanpur	FW	OFC	CP	Training on Cereals & Pulses production technology	2	1	35	2	2	2	4	11	12	1	1

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		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	17
Narayanpur	RY	OFC	CBD	Training on Sustainable Agriculture	5	2	30	1	1	4	2	7	15	-	-
Narayanpur	FW	OFC	OTH	Training on Organic farming	4	2	33	7	3	-		12	11	-	-
Narayanpur	FW	OFC	OTH	Awareness training on water management for Kharif crops cultivation	5	2	37	5	4	-	1	15	12	-	-
Narayanpur	FF	ONC	OTH/OTH	Training on Fertilizer, Weed & insect management of kharif crop	5	2	48	6	-	-	-	15	27	-	-
Narayanpur	FW	ONC	HOT	Training on Vegetable cultivation	1	1	45	5	-	-	-	14	23	2	1
Narayanpur	FW	OFC	OHT/CP	Training on Fertilizer, Weed & insect management of ground nut	4	2	37	30	-	2	3	2	-	-	-
Narayanpur	FW	OFC	CP	Training on Cultivation of Oil seed and Pulses	2	1	32	26	-	1	2	1	-	1	1
Narayanpur	FW	ONC	OTH	Training on Integrated pest management	2	1	41	-	-	-	-	37	4	-	-
Narayanpur	RY	OFC	OTH	Training on Integrated nutrient management	4	2	26	2	-	1	2	15	6	-	-
Narayanpur	FW	ONC	HOT	Training on Vegetable cultivation	1	1	31	2	-	1	1	16	4	4	3
Narayanpur	FW	OFC	OTH	Training on Soil test based crop response correlation	3	1	26	1	-	-	1	24	-	-	-
Narayanpur	FW	ONC	CP	Training on Cultivation of Oil seed and Pulses	4	1	25	2	-	-		17	6		
Narayanpur	FW	ONC	OTH	Integrated farming system, communication between the farmers	1	1	39	-	-	-	-	33	6	-	-
Narayanpur	FW	OFC	OTH/PLP	Training on Fertilizer, Water & insect pest management	6	1	31	2	-	-	1	16	12	-	-
Narayanpur	FW	ONC	HOT	Training on Vegetable cultivation	1	1	24	1	-	-	2	14	7	-	-
Narayanpur	FW	ONC	OTH	Training on Integrated farming system	1	1	29	2	1	1	1	20	2	-	2
Narayanpur	FW	OFC	PTH/HOT	Training on Disease and insect management in vegetable crops	4	1	27	2	-	-	2	18	3	1	1
Narayanpur	RY	OFC	HOT	Training on Vegetable cultivation	1	1	47	1	-	-	-	36	10	-	-
Narayanpur	FW	ONC	CP	Training on Cultivation of Oil seed and Pulses	1	1	26	2	1	1	-	20	2	-	-
Narayanpur	FW	ONC	CBD	Training on sustainable agriculture system in dry land conditions	5	1	24	1	-	-	1	22	-	-	-
Narayanpur	FW	OFC	OTH/PLP	Training on Fertilizer, & insect pest management of Vegetable crop	5	1	29	3	-	-	-	26	-	-	-
Narayanpur	FW	ONC	CP	Training on Preparation of Rabi crop	3	1	38	2	1	-	-	25	7	2	1
Narayanpur	FW	OFC	CP	Training on Preparation of Wheat and	2	1	26	2	-	-	2	16	6	-	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		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	17
				Chick pea											
Narayanpur	FW	ONC	PLP	Training on Disease and insect management in vegetable crops	1	1	27	2	-	-	-	18	4	2	1
Narayanpur	FW	ONC	HOT	Training on Fruit crop cultivation technology	1	1	32	2	1	1	1	18	9	-	-
Narayanpur	FF	OFC	CP	Training on Weed management in vegetable crops	1	1	25	1	1	1	1	16	5	-	-
Narayanpur	FW	OFC	OTH/PLP	Training on Fertilizer, & insect pest management of Vegetable crop	5	1	33	-	-	-	1	21	11	-	-
Narayanpur	RY	ONC	OTH	Training on Organic farming system	4	1	27	2	-	1	2	16	6	-	-
Narayanpur	FW	ONC	CP	Training on Sustainable Agriculture	1	1	31	3	-	-	3	19	-	4	2
Narayanpur	FW	OFC	PLP	Training on Disease and insect management in vegetable crops	1	1	24	1	-	-	-	23	-	-	-
Narayanpur	FW	ONC	PTH	Training on Mushroom Cultivation	1	1	27	2	-	1	2	16	6	-	-
Narayanpur	FW	OFC	HOT	Training on Fruit crop cultivation technology	2	1	24	2	-	-	3	19	-	-	-
Narayanpur	FW	OFC	OTH	Training on multiplication and application of trichoderma	5	1	26	2	-	-	2	16	6	-	-
Narayanpur	RY	ONC	HOT	Training on Garden management	1	1	24	2	-	-	1	21	-	-	-
Narayanpur	RY	ONC	CRP	Training on Seed production technology	5	1	22	1	-	-	-	15	6	-	-
Narayanpur	FW	OFC	CRP	Training on Sustainable Agriculture	5	1	29	1	-	-	1	25	-	2	2
Narayanpur	FW	OFC	OTH	Training on Integrated farming system	4	1	25	-	-	-	-	14	11	-	-
Narayanpur	FW	ONC	HOT	Training on Garden management	1	1	28	6	2	1	1	13	5	-	-
Narayanpur	FW	ONC	HOT	Training on Vegetable cultivation	1	1	26	4	2	1	-	11	8	-	-
Narayanpur	FW	OFC	SFM	Training on soil & water management	2	1	29	3	1	-	-	21	4	-	-
Narayanpur	FW	ONC	HOT	Training on Kitchen gardening	1	1	28	2		1	2	17	3	3	0
Narayanpur	FW	OFC	OTH	Training on Organic farming system	4	1	32	2	1	2	2	21	4	-	-
Narayanpur	FW	ONC	HOT	Training on Fruit crop cultivation technology	1	1	29	3	-	-	1	18	7	-	-
Narayanpur	FW	ONC	OTH	Training on Preparation of Vermi-Composting	1	2	30	2	-	3	1	20	4	-	-
Narayanpur	FW	ONC	PIS/SFM	Preparation of vermicompost and recycling of farm wastes	1	1	49	-	6	21	-	15	5	2	-
Narayanpur	RY	ONC	LPM/OTH	Training on poultry, dairy, duckery and lac cultivation	1	1	50	-	3	32	-	9	6	-	-
Narayanpur	FW	ONC	CRP	Training on Legume crops cultivation	5	1	60	-	4	28	3	12	13	-	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		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	17
Narayanpur	RY	ONC	LPM	Training on poultry, fishery, duckery farming	1	1	59		4	40	-	4	11	-	-
Narayanpur	FW	ONC	OTH	Multiplication of Trichoderma and use	1	1	55	-	4	33	-	6	9	3	-
Narayanpur	FW	ONC	CRP	Training on Disease and insect management in vegetable crops	5	1	72	-	-	57	-	-	15	-	-
Narayanpur	FW	OFC	OTH	Training on Mushroom Cultivation	1	1	34	-	02	22	-	-	10	-	-
Narayanpur	RY	OFC	OTH	Multiplication of Boi-farmimng/ Trichoderma and use	3	1	75	-	07	26	02	15	21	04	-
Narayanpur	RY	OFC	OTH	Micronutrients application in vegetables	1	1	51	-	3	42	-	-	06	-	-
Narayanpur	RY	ONC	OTH	Training on multiplication and application of trichoderma	1	1	42	-	02	29	03	03	05	-	-
Narayanpur	FW	OFC	OTH	Training on motivation to rural farmers for cultivation of pulses crops	1	1	49	-	02	40	-	-	09	-	-
Narayanpur	FW	OFC	CRP	Awareness training on water management for Rabi crop cultivation	1	1	46	-	01	40	-	-	05	-	-
					166	75	2286	161	63	436	66	1057	447	37	20

**Table 5.3.** Details of Vocational training programmes for Rural Youth to be conducted by the KVKs

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries					
					SC		ST		Others	
					M	F	M	F	M	F
Naryanpur	Seed production	Seed	Seed production	30	1	-	29	-	-	
Naryanpur	Vermiculturing and vermicomposting	Vermicom post	orgnic farming	15	-	-	30	-	-	
				45	1	0	59	-	-	-

**Table 5.4.** Details of training programme to be 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	
Narayanpur	Vermicomposting	Vermicomposting unit	10	30	
Narayanpur	Sustainable Agriculture	Vermicomposting unit	12	30	
Narayanpur	Musroom cultivation	Mushroom hut Drum Plastic bag	5	30	

		Plastic sheet			
Narayanpur	Integrated farming systems	Poultry bird Feeding tray	12	30	
Narayanpur	Integrated farming systems	Poultry bird Feeding tray	15	30	
Narayanpur	Integrated farming systems	Poultry bird Feeding tray	12	30	

**Table 5.5. 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.)
							Others		SC		ST			
							M	F	M	F	M	F		
Narayanpur	Wheat cultivation	OFC	CP	FW	1	3							NSP, IGKV, Raipur	20000
Narayanpur	Farmers scientist interaction	ONC	OTH	FW	2	-	6	-	2	-	42	-	DDA, Narayanpur	40000
Narayanpur	Innovation technology	ONC	OTH	FW	5	2	3	-	1	-	55	-	DDA, Narayanpur	50000
Narayanpur	Farm School	ONC OFC	CP	FW	180	5	0		0	-	48	-	DDA, Narayanpur	60524

**Table 5.6 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.)
							Others		SC		ST			
							M	F	M	F	M	F		
Narayanpur	Preparation of Kitchen garden	IS	CP, HOV, OTH	IS	1	5	2	1	8	4	26	19	-	-
Narayanpur	Preparation of Kitchen garden	IS	CP, HOV, OTH	IS	1	5	1	1	7	5	28	18	-	-

**Table 5.7 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	
Narayanpur	Preparation of Kitchen garden	60							16
Narayanpur	Preparation of Kitchen garden	60							12
Narayanpur	Vermicomposting	30							
Narayanpur	Sustainable Agriculture	30							

Narayanpur	Musroom cultivation	30							8
Narayanpur	Integrated farming systems	30							
Narayanpur	Integrated farming systems	30							
Narayanpur	Integrated farming systems	30							
Narayanpur	Seed production	30							3
Narayanpur	Vermiculturing and vermicomposting	30							
Narayanpur	Preparation of vermicompost and recycling of farm wastes	49							4
Narayanpur	Training on poultry, dairy, duckery and lac cultivation	50							6
Narayanpur	Training on Legume crops cultivation	60							
Narayanpur	Training on poultry, fishery, duckery farming	59							
Narayanpur	Multiplication of Trichoderma and use	55							
Narayanpur	Training on Disease and insect management in vegetable crops	72							
Narayanpur	Training on Mushroom Cultivation	34							
Narayanpur	Multiplication of Boi-farmming/ Trichoderma and use	75							
Narayanpur	Micronutrients application in vegetables	51							
Narayanpur	Training on multiplication and application of trichoderma	42							
Narayanpur	Training on motivation to rural farmers for cultivation of pulses crops	49							
Narayanpur	Awareness training on water management for Rabi crop cultivation	46							

## 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			
Narayanpur	Field Day	10	9	16	10	103	21	5	3			
Narayanpur	Kisan Mela	01	2	136	23	892	399	36	7			
Narayanpur	Kisan Ghosthi	6	5	5	-	41	19	-	-			
Narayanpur	Exhibition	09	9	Mass								
Narayanpur	Film Show	20	21	62	08	432	127	12	3			
Narayanpur	Method Demonstrations	10	11	178	11	612	184	6	-			
Narayanpur	Farmers Seminar	01	1	-	-	20	-	-	-			
Narayanpur	Workshop	01	4	21	2	29	13	2	1			
Narayanpur	Group meetings	05	05	09	-	36	08	09	04			
Narayanpur	Lectures delivered as resource persons	20	30	241	28	472	324	14	6			
Narayanpur	Newspaper coverage	10	10	Mass								
Narayanpur	Radio talks	10	-									
Narayanpur	TV talks	05	-									
Narayanpur	Popular Articles	12	-									
Narayanpur	Extension Literature	15	16	Mass								
Narayanpur	Farm Advisory Services	100	82	321	61	1982	470	72	20			
Narayanpur	Scientific visit to farmers field	120	98	332	33	552	134	-	-			
Narayanpur	Farmers Visit to KVK	2000	2375	310	24	1262	779	-	-			
Narayanpur	Diagnostic Visits	80	61	91	8	342	37	-	-			
Narayanpur	Exposure Visits	10	8	92	-	208	31	-	-			
Narayanpur	Ex-trainees Sammelan	02										
Narayanpur	Soil Health Camp	03	3	42	7	362	194	24	6			
Narayanpur	Animal Health Camp	02	1	12	-	39	15	3	1			
Narayanpur	Agri Mobile Clinic	02										
Narayanpur	Soil Test Campaigns	03	3	42	7	362	194	24	6			
Narayanpur	Farm Science Club conveners meet	02										
Narayanpur	Self Help Group conveners meetings	09	7	-	-	15	55	-	-			



## 7. Production and supply of Technological products

### 7.1 SEED production

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type here SD; For Planting Material type here PM)	Quantity	Unit for quantity of produces (qtl for SD and Nos for PM)	Value (Rs.)	Provided to No. of Farmers
Narayanpur	Cereals	Paddy	MTU 1010	SD	12	qtl		36
Narayanpur	Cereals	Wheat	Ratan	SD	40	qtl		100
Narayanpur	Pulses	Blackgram		SD	1	qtl		10
Narayanpur	Pulses	Chickpea	JAKI 9218	SD	32	qtl	288900	100
Narayanpur	Pulses	Fieldpea	Vikas	SD	32	qtl	156000	92

### 7.2 Planting Material production

KVK Name	Major group/class	Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
						Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Narayanpur	Fruit	Papaya									
Narayanpur	Vegetable	Drum stick									
Narayanpur	Vegetable	Tomato									
Narayanpur	Vegetable	Chilli									
Narayanpur	Vegetable	Brinjal									
Narayanpur	Vegetable	Cabbage									
Narayanpur	Vegetable	Cauliflower									

### 7.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

KVK Name	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
Narayanpur	Esenia foetida	70 kg	160/kg	11200	
Narayanpur	Tricoderma viridi	12 kg	40/kg	480	

#### 7.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
Narayanpur	Chicks	Karaknath	poultry birds	320 kg	2500	21500	
Narayanpur	Duck	Nagraj	Duckbirds	35kg	1200	8750	
Narayanpur	Fish	Rahu, Catla, Mrigel	Fish	450kg	5000	72000	

### 8. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : NO

Year of establishment : -

#### 8.1 Details of soil & water samples analyzed so far :

KVK Name	Type	No. of Samples	No. of Farmers	No. of Villages	Amount released	Resources to be generated
Narayanpur	Soil Sample	2255	11413	139	0	
Narayanpur	Water Sample	0	0	0	0	

### 9. Rainwater Harvesting, if available.

#### Training programmes to be 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
Narayanpur		Nil								

### 10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages to be sent	No. of beneficiaries		Major recommendations
		Farmers	Ext. Pers.	
Narayanpur	52	2283	216	Soil science, Agronomy, Plant protection, Live stock and Horticulture

### 11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Narayanpur	at Kanker	24	Development of IFS model in KVK and farmers' field Crop diversification in kharif and rabi Varietal replacement Crop cafeteria Organic farming

## 12. Literature to be Last Developed/Published (with full title, author & reference)

### 12.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
Narayanpur	10.04.16	April-June	500	500
Narayanpur	1.07.16	July-September	500	500
Narayanpur	3.10.16	October-December	500	500
Narayanpur	2.01.17	January-March	500	500

### 12.2 Details of Electronic Media to be Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Narayanpur	CD	Collection of soil samples	
Narayanpur	CD	Production of vermicompost	
Narayanpur	CD	PMFBY	
Narayanpur	CD	Pre rabi krishan mela (World soil day)	
Narayanpur	CD	Chemical weed control	

### 12.3 PUBLICATIONS

Category	Number	Date of start	Periodicity	Number of copies to be printed	Number of copies
----------	--------	---------------	-------------	--------------------------------	------------------

					to be distributed
Research Paper		Type	Title	Author's name	Number of copies
Technical bulletins	8	Hindi	Sabjio ki sayasth padh tayari karne me dhan dene yago bate	D. Das; R. R. Korram; M. K. Verma; R. K. Modi; and J. K. Meshram	1000
		Hindi	Kachunya khad banana ka bidhiya evam mahata	D. Das; N. K. Nag; R. R. Korram; M. K. Verma; R. K. Modi; and J. K. Meshram	1000
		Hindi	Mitti parikhchan ka mahata evam bidiya	D. Das; N. K. Nag; R. R. Korram; M. K. Verma; R. K. Modi; and J. K. Meshram	1000
		Hindi	Kundru ki boiganik kheti	D. Das; R. R. Korram; M. K. Verma; R. K. Modi; and J. K. Meshram	1000
		Hindi	Hari patiyadar sabjio ki boiganik kheti	D. Das; R. R. Korram; M. K. Verma; R. K. Modi; and J. K. Meshram	1000
		Hindi	Gajar ki boiganik kheti	D. Das; R. R. Korram; M. K. Verma; R. K. Modi; and J. K. Meshram	1000
		Hindi	Chana ki boiganik kheti	D. Das; N. K. Nag; R. R. Korram; M. K. Verma; R. K. Modi; and J. K. Meshram	1000
		Hindi	Mator ki boiganik kheti	D. Das; N. K. Nag; R. R. Korram; M. K. Verma; R. K. Modi; and J. K. Meshram	1000
Technical reports	4	Extension	Annual Progress report for 2015-16		
			Annual Action plan for 2016-17		
			Cluster		
			ATMA		
Popular article					
News paper coverage	10	Activities			Mass
Year Planner	1				
Book	1	Book	Narayanpur ki mitti evam uski prabandhan	D. Das; N.K.Nag; R.R.Korram and J.K.Meshram	1000

### 13. 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
Narayanpur	ATMA	DDA, Narayanpur	150524.00	Farmers scientist interaction, Innovation technology and farm school	Agriculture	
Narayanpur	MNREGA	Jila Panchayat	5000000.00	Seed production, Road construction and bridge, Godown and nursery pakka bed	Farm development	

### 14. Utilization of Farmers Hostel.

Accommodation available (No. of beds):

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

#### 15. Utilization of Staff Quarters.

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Narayanpur		Nil			

#### 16. Details of KVK Agro-technological Park –

##### a) Have you prepared layout plan, where sent?

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

##### b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Narayanpur	Crop Cafeteria	As mentioned below
Narayanpur	Technology Desk	Mushroom cultivation, Vermicomposting, Integrated weed management in rice, Agricultural package of practices for pulse crops, Multiplication of trichoderma, Kitchen garden Collection of representative soil samples, Organic farming IFS model
Narayanpur	Visitors Gallery	Board, flex

Narayanpur	Technology Exhibition	Mushroom cultivation, Vermicomposting, Duck unit Backward (Kadaknath) poultry unit Diary Unit Goat breeding unit Azolla unit Integrated weed management in rice, Multiplication of trichoderma, Collection of representative soil samples, Kitchen garden IFS model
Narayanpur	Technology Gate-Valve	IGKV, Raipur SGCARS, Jagdalpur Books Journals Newsletters Internet

**c). Crop Cafeteria-**

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Crop wise cereals kharif	<b>Scented Rice</b> -Jeerafool, , Shamjeera, Geetanjali, Ramjeera, Vishnubhog, Begambhog, Maidubraj, Dubraj <b>Improved Paddy</b> –Indira Barani-1, Indira Maheswari, Durgeswari, Indira Rajeswari, PKV HMT, Swarna sub one, Naren-57, Tulsi, Dantewari, Shamleswari, IR-64, MTU-1010, MTU-1001, Karmamasuri, Shamla, Sahabhagi, Chandrahasini, MDR 8002, CR-40 <b>Local Collection Rice</b> - Turia, Saferi-17, Luchai, Bhagwa, Laliya dhan, Culture, Kadamfool, Gaturesla
3	Crop wise oilseed rabi	Kartika
4	Crop wise pulses rabi	Chickpea - JG-74, Vaibhav, JAKI-9218 Field Pea-Subhra, Vikas
5	Crop wise vegetables kharif	Colocasia- Mukta Keshi,  Dioscoria- Ellit, Dioscoria balbifera, tukhur, Ashgourd, pumkin, Indira chilli-1

6	Crop wise vegetable rabi	Hybrid tomato- Arka rakshak Brinjal- Arka Anand Cauliflower Hybrid – Golden pure Cabbage Hybrid – Snowbum-1 Chilli- Namdhari 1701,
7	Crop wise fruit crops	Papaya- Hybrid Red Royal (Tiwan), Madhu, Royal gold Guava- var. Lakhuw-49, Alahabadi safeda, Arka Midula; Pomegranate – Ganesh Drum stick – Red lady

### 17. 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	Narayanpur	Laxman Dugga	IFS model	Palki, Narayanpur Mo. 9406124714
2	Narayanpur	Samlu Ram Netam	High yielding variety	Bakulwahi, Narayanpur Mo-7587129740
3	Narayanpur	Bijel Ram Kumeti	Hybrid maize	Binjli, Narayanpur, Mo.- 9407716134
4	Narayanpur	Tilak Devangan	Hitech vegetable	Devgaon, Narayanpur Mo.-7587371941
5	Narayanpur	Devsankar	Hybrid Maize	Sakribeda, Narayanpur, Mo-9407716235
6	Narayanpur	Roop Singh	Improved var. of fieldpea	Sakribeda, Narayanpur, Mo.-9406019137
7	Narayanpur	Duaru ram warde	<ul style="list-style-type: none"> <li>• Drip irrigation vegetable – Tomato, Brinjal &amp; cowpea</li> <li>• Fish farming.</li> <li>• Hybrid maize cultivation.</li> </ul>	Bhatpal, Narayanpur – 7587267349
8	Narayanpur	Raven Sing	<ul style="list-style-type: none"> <li>• Hybrid paddy cultivation.</li> <li>• Warmi compost production.</li> <li>• Poultry farming.</li> <li>• Hybrid veg. cultivation.</li> </ul>	Benoor, Narayanpur – 9406411761
9	Narayanpur	Anesh Warde	<ul style="list-style-type: none"> <li>• Lac cultivation Rabi + Kharif</li> <li>• Hybrid paddy cultivation.</li> <li>• Fench beans cultivation.</li> <li>• Veg. Hybrid tomato, Brijal &amp; lady is finger, poultry farming.</li> </ul>	Bhatpal, Narayanpur -
10	Narayanpur	Ghassu Ram Mankar	Hybrid rice	Karlakha, Narayanpur

**18. KVK interaction with progressive farmers-** each KVK had already sent a list of 100 progressive farmers to the ZPD, Zone VII, Jabalpur.

<b>Sr. No.</b>	<b>Date and month of interaction programme with progressive farmers</b>	<b>No. of progressive farmers to be participated</b>
1	22.06.2016	51
2	24.06.2016	56
3	27.06.2016	64
4	28.06.2016	52
5	29.06.2016	63
6	30.06.2016	70
7	5.07.2016	90
8	9.07.2016	11
9	11.07.2016	67
10	15.07.2016	47
11	18.07.2016	41
12	19.07.2016	50
13	21.07.2016	51
14	29.07.2016	39
15	30.07.2016	55
16	8.08.2016	52
17	19.08.2016	47
18	28.08.2016	30
19	31.08.2016	51
20	16.09.2016	14
21	12.10.2016	35
22	25.10.2016	50
23	6.11.2016	50
24	18.11.2016	50
25	24.11.2016	49
26	28.11.2016	51
27	1.12.2016	24
28	5.12.2016	277
29	31.12.2016	51
30	8.01.2017	50
31	16.01.2017	22
32	29.01.2017	30
33	9.02.2017	30
34	16.02.2017	30
	3.03.2017	30
35	12.03.2017	30
36	18.03.2017	30
37	21.03.2017	30
38	24.03.2017	30



## 19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Narayanpur	1	2	41	98

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

## 20. 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
1	TSP-NSP (Wheat)	40 ha	2	
2	Cluster demonstration (Chickpea)	40 ha	4	
3	Cluster demonstration (Fieldpea)	40 ha	5	

## 21. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1.	KVK Kanker	• Knowledge sharing & SAC meeting PC & All SMS	PC & All SMS
		• Sharing STCR seminar SMS Agro, Hort & Ent.	PC & All SMS
		• Sharing mushroom spawn production. SMS Ent & Hort & SHG group	PC & All SMS
		• Integrated farming system model sharing	PC & All SMS
2	KVK Bastar	• Knowledge sharing & seminar on farmer seed protection. Act & germplasm collection	PC, SMS-Ent & Hort & Progressive farmer
		• Seminar on tribal sub plane	PC, SMS-Ent & Hort & Progressive farmer

## 22. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Narayanpur	Dr. M.R. Rajendra	10.05.16	

Narayanpur	Smt. Sarasati Gota, Jila Panchayat adhakhachh, Narayanpur	25.11.2016	
Narayanpur	Mr. Ashok Chobey, CEO, Jila Panchayat adhakhachh, Narayanpur	25.11.2016	
Narayanpur	Mr. Tamansingh Sonvani, Collector, Narayanpur	30.11.2016	
Narayanpur	Dr. Nagariya, Scientist, Forest, IGKV, Raipur	22.12.2016	
Narayanpur	Dr. K.C.Bhatt, Principal Scientist, ICAR-NBPGR, New Delhi	16.01.2017	
Narayanpur	Dr. R.S. Rathi, Senior Scientist, ICAR-NBPGR, New Delhi	16.01.2017	
Narayanpur	Dr. S.S.Sangar, Director Farm, IGKV, Raipur	7.02.2017	
Narayanpur	Dr. Rastogi, Head, NSP, IGKV, Raipur	7.02.2017	
Narayanpur	Dr. D.S. Thakur, Dean, CoHRS, Jagdalpur	23.03.2017	
Narayanpur	Dr. Sharma, Scientist, CoHRS, Jagdalpur	23.03.2017	

### 23. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Narayanpur	29.05.14	24	2660

### 24. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals
1	Narayanpur	Nil	

### 25. E-CONNECTIVITY (ERNET Lab)

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			
Narayanpur	-	-	-	-	-	-	-

## 26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Narayanpur	Gosthies	5	55	
Narayanpur	Lectures organized	30	985	
Narayanpur	Exhibition	9	mass	
Narayanpur	Film show	9		
Narayanpur	Fair	2	4675	
Narayanpur	Farm Visit	2375	2375	
Narayanpur	Diagnostic Practical's	61	478	
Narayanpur	Distribution of Literature (No.)	12	Mass	
Narayanpur	Distribution of Seed (q)	116	327	
Narayanpur	Distribution of Planting materials (No.)	10000	130	
Narayanpur	Bio Product distribution (Kg)	1000	10	
Narayanpur	Bio Fertilizers (q)	50	5	
Narayanpur	Distribution of fingerlings (No)	20000	25	
Narayanpur	Distribution of Livestock specimen (No.)			
Narayanpur	Total number of farmers visited the technology week			

## 27. INTERVENTIONS ON DROUGHT MITIGATION

### Introduction of alternate crops/varieties

Sl. No.	Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries
1	Narayanpur	Rice/ MTU -1010	05	05
2	Narayanpur	Rice/ Chhattisgarh Zinc Rice-1	05	05
3	Narayanpur	Rice / MTU -1010	05	05
4	Narayanpur	Rice / MTU - 1010	05	05
5	Narayanpur	Brinjal / Arka Aanand	05	5
6	Narayanpur	Tomato / Arka rakshak	10	10
7	Narayanpur	Maize / 900M gold	10	10
8	Narayanpur	Rice / Shyamleshwari	10	10

### Major area coverage under alternate crops/varieties

Sl. No.	Name of KVK	Crops	Area (ha)	Number of beneficiaries
1	Narayanpur	Oilseeds	10	8
2	Narayanpur	Pulses	80	192
3	Narayanpur	Cereals	52	115
4	Narayanpur	Vegetable crops	10	14
5	Narayanpur	Tuber crops	4	8
6	Narayanpur	Fruits	2	6
		<b>Total</b>	<b>158</b>	<b>343</b>

#### Farmers-scientists interaction on livestock management

Sl. No.	Name of KVK	Livestock components	Number of interactions	No.of participants
1	Narayanpur	Dairy Management	1	15
2	Narayanpur	Feed and fodder technology	2	12
3	Narayanpur	Poultry management	6	36

#### Animal health camps to be organized

Name of KVK	Number of camps	No.of animals	No.of farmers

#### Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Narayanpur	Wheat	40	100	89
Narayanpur	Chickpea	32	100	100
Narayanpur	Fieldpea	32	100	92
Narayanpur	Rice	12	12	36
Narayanpur	Brinjal	50gm	1	5
Narayanpur	Tomato	50gm	1	5

#### Seedlings and Saplings to be distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area	Number of
-------------	-------	-----------------	------------------	-----------

			(ha)	farmers
<b>Seedlings</b>				
Narayanpur	Papaya	500	2	30
Narayanpur	Drum stick	500	2	25
Narayanpur	Tomato	2000	5	20
Narayanpur	Chilli	1000	5	10
Narayanpur	Brinjal	2000	5	15
Narayanpur	Cabbage	2000	5	15
Narayanpur	Cauliflower	2000	4	15

#### Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers
Narayanpur	Tricoderma viridi	15 kg	0.60	10

#### Bio-Fertilizer

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers
Narayanpur	Rhizobium	5	12.5	30
Narayanpur	PSB	5	12.5	30
Narayanpur	Azotobactor	2	5.0	12

#### Verms Produced

Name of KVK	Verms Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
Narayanpur	Essinia fetida	70kg	15	15

#### Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and of resource conservation technologies introduced	Area (ha)	Number of farmers
Narayanpur	Chickpea	22	55
Narayanpur	Fieldpea	40	92

#### 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
Narayanpur	2	31	5	55	9	158	2	4675	9	Mass	21	644

## 28. Proposal of NICRA

### 1. Technologies to be Demonstrated

Name of Technology	Name of Crop	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted

### 2. Proposed Extension Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total

### 3. Proposed Training Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total

**4. Proposed Activities for Fodder Bank**

Established (Years)	Capacity	Current Status

**5. Proposed Activities for Seed Bank**

Established (Years)	Capacity	Current Status

**6. Public Representative/District Administration Visited in NICRA Village**

Name of Representative/Officer	Designation	Date of Visit

7. Feedback of Farmers for future improvement, if any.

8. Good Action Photographs after work progress (step-wise)

**29. Proposed works under NAIP (in NAIP monitoring format)****30. Status of Revolving Funds (Rs.)**

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Narayanpur	655302010000750	51760.00	179268.00	(+)127508.00

**31. Awards & Recognitions**

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Narayanpur	Shri Maheshram devangon, Devgaon	Farmer	Department of Agriculture, CG	25000
Narayanpur	Shri Tanesh Kumar, Binjli	Farmer	Department of Agriculture, CG	25000
Narayanpur	Shri Satersingh, Garhbengal	Farmer	Department of Agriculture, CG	25000
Narayanpur	Shri Hiralal Yadav, Kuradgaon	Farmer	Department of Agriculture, CG	25000
Narayanpur	Smt. Ramshila, Brehabeda	Farmer	Department of Agriculture, CG	25000
Narayanpur	Shri Budhram Patel, Mahimagawadi	Farmer	Department of Agriculture, CG	25000

Narayanpur	Shri Birasingh, Mahaka	Farmer	Department of Agriculture, CG	25000
Narayanpur	Shri Pramod Thakur, Orchha	Farmer	Department of Agriculture, CG	25000
Narayanpur	Shri Hansuram, Khadibahar	Farmer	Department of Agriculture, CG	25000
Narayanpur	Shri Pawan Sotiya, Narayanpur	Farmer	Department of Agriculture, CG	25000
Narayanpur	Shri Rupdhar, Benor	Farmer	Department of Agriculture, CG	10000
Narayanpur	Shri Shivram, Kurusnar	Farmer	Department of Agriculture, CG	10000
Narayanpur	Shri Mahendra, Binjli	Farmer	Department of Agriculture, CG	10000
Narayanpur	Shri Rohit, Kodoli	Farmer	Department of Agriculture, CG	10000
Narayanpur	Shri Ghasuram, Khargaon	Farmer	Department of Agriculture, CG	10000
Narayanpur	Shri Mahesh, Kohkad	Farmer	Department of Agriculture, CG	10000
Narayanpur	Shri Rajendra, Kochwahi	Farmer	Department of Agriculture, CG	10000
Narayanpur	Shri Aalois, Timnar	Farmer	Department of Agriculture, CG	10000
Narayanpur	Shri Jugaram, Orchha	Farmer	Department of Agriculture, CG	10000

### 32. Case study / Success Story to be developed –

Sr. no.	Name of KVK	No. of success stories	No. of case studies
<b>1</b>	<b>Narayanpur</b>	<b>5</b>	<b>5</b>

**Two best only in the following format:** Name of the KVK, **TITLE**, **Introduction**, KVK intervention, Output, Outcome, Impact





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



## Photograph of OFT 2016-17

			
<b>Assessment of integrated nutrient management in Rice</b>	<b>Assessment of panchgavya application in Tomato</b>	<b>Assessment of insecticidal treatment of nursery against gall midge (Orselia oryzae)</b>	<b>Assessment of IPM module against major insect pest of brinjal</b>

## PHOTO of FRONTLINE DEMONSTRATION

			
<b>Demonstration on Micronutrient application in Rice</b>	<b>Demonstration on triple disease resistance variety of hybrid tomato –Arka Rakshak</b>	<b>FLD on STCR based nutrient management in maize</b>	<b>Introduction of bacterial wilt resistant variety of Brinjal</b>

## Glimpses of cluster demonstration on Chickpea



## Glimpses of cluster demonstration on Chickpea





## Glimpses of cluster demonstration on Field pea



## TSP – NSP Demonstration on Wheat





## Glimpses of VTP activities



## Glimpses of Kichen garden activities





## Highlights of training activities of life MGNAREGA



## Highlights of Various training activities





## Training Under ATMA



## View of Celebration of Parthenium Eradication Day





## World Soil Day and Pre Rabi Kisan Mela



## Highlights of Campaign for soil health



## SWACHHATA ABHIYAN





## Exhibition Stall of KVK during RKM Mela at Narayanpur



## Farmers visited to Rastriya Krishi Mela at IGKV, Raipur



## SEED AND PLANTING MATERIAL DISTRIBUTION





## VIP VISITED to KVK Farm



## EXPOSURE VISIT



## Scientists visited to farmers field













## FOOTFALL at KVK



## CROP CAFETERIA



			
<b>Duck house</b>	<b>Poultry house</b>	<b>Poultry hatching system</b>	<b>Kitchen Garden</b>
<b>View of farm development under MGNAREGA</b>			
			



# PAPER CUTTING OF VARIOUS ACTIVITY

