

Annual Progress Report

1st April 2009 - 31st March 2010

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BOUDH

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FORMAT 1- GENERAL, OFT & FLDS

REPORTING PERIOD – 1st April 2009 to 31st March, 2010

Summary of achievements during the reporting period

KVK Name	Activity	Target		Achievement	
		Number of activity	Number of farmers/ beneficiaries	Number of activity	Number of farmers/ beneficiaries
KVK BOUDH	OFTs	10	50	7	41
KVK BOUDH	FLDs – Oilseeds (activity in ha)	5.0	12	5.0	12
KVK BOUDH	FLDs – Pulses (activity in ha)	5.0	13	5.0	13
KVK BOUDH	FLDs – Cotton (activity in ha)	-	-	-	-
KVK BOUDH	FLDs – Other than Oilseed and pulse crops(activity in ha)	22	150	19.5	125
KVK BOUDH	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	3	15	-	-
KVK BOUDH	Training-Farmers and farm women	49	1225	53	1329
KVK BOUDH	Training-Rural youths	17	255	9	171
KVK BOUDH	Training- Extension functionaries	8	120	8	114
KVK BOUDH	Extension Activities	600	7000	575	6008
KVK BOUDH	Seed Production (Number of activity as seeds in quintal)	10.0	-	7.45	-
KVK BOUDH	Planting material ((Number of activity as quantity of planting material in quintal)	-	-	-	-
KVK BOUDH	Seedling Production (Number of activity as number of seedlings in numbers)	1,48,000		1,62,400	
KVK BOUDH	Sapling Production (Number of activity as number of sapling in numbers)	2000		2286	

KVK Name	Activity	Target		Achievement	
		Number of activity	Number of farmers/ beneficiaries	Number of activity	Number of farmers/ beneficiaries
KVK BOUDH	Other Bio- products				
KVK BOUDH	Live stock products				
KVK BOUDH	SAC Meeting (Date & no. of core/official members) 24/9/09			1	36
KVK BOUDH	Newsletters (no.)	4	2000	2	800
KVK BOUDH	Publication (Research papers, popular article)			10	2000
KVK BOUDH	Convergence programmes / Sponsored programmes			8	226
KVK BOUDH	Outreach of KVK in the District (No. of blocks, no. of villages)	-	-	3	173

1. GENERAL INFORMATION

1.1. DISTRICT PROFILE (Detail of geographical area, cultivation, Land, resources, opportunities, irrigation, populations etc.)– Major farming systems/enterprises (based on the analysis made by the KVK)

Land utilization statistics of district Boudh 2004-05

Item	Area (“000” ha)
Geographical area	345
Forest	128
Trees and grooves	19
Permanent pastures	17
Cultivable waste	27
Land put to non agriculture use	21
Barren and uncultivable	12
Current fallow	4
Other fallow	32
Net area sown	85
Net irrigated area	39.45
Gross irrigated area	48.03
High land	56
Medium land	21

Low land	12
Population	“000” Nos
Male	188
Female	185
Total	373
Sc	82
St	47

Major farming systems/enterprises (Based on the analysis made by the KVK)

Sl. No	Farming system/enterprise
1	Rice-Pulses
2.	Rice Oilseeds
3	Rice – Rice, Rice-Vegetables
4	Sugarcane
5	Cotton
6	Goatery, Diary

Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

Sl. No	Agro-climatic Zone	Characteristics
1	Western Central Table Land	This zone spreads over 17190 sq. kms. accounting for 11.06% of the total geographical area fall between 20°9’ to 22°11’ N latitude and 82° 39’ to 85°15’ E longitude. The zone consist of 43 blocks of Sambalpur, Bargarh, Jharsuguda, Sonapur, Deogarh,Boudh & Bolangir district.

Sl. No	Agro ecological situation	Characteristics
1	Climate	Hot to sub humid with a mean maximum summer temperature 40° centigrade and mean winter temperature 12.4° centigrade.
2	Rainfall	1180 mm annual

Soil types

Sl. No	Soil type	Characteristics	Area in ha
1	Black & Red	Clay loam	50073
2	Red & Black	Sandy clay loam	25207

Area, Production and Productivity of major crops cultivated in the district

Sl. No	Crop	Area (000 ha)	Production (000 qt)	Productivity (qt/ha)
1	Paddy	68.009	1556	22.88
2	Mung	11.525	65.23	5.66
3	Blackgram	4.892	27.10	5.54
4	Arhar	3.910	19.74	5.05
5	Sesamum	4.587	25.18	5.49
6	Onion	0.414	44.28	106.96
7	Cotton	0.135	2.09	15.5
8	Sugarcane	0.111	9.8	801.80

Weather data

Month	Rainfall (mm)	Temperature ° C		Relative Humidity (%)
		Maximum	Minimum	
April 2009				
May 2009				
June 2009				
July 2009				
August 2009				

September 2009				
October 2009	40	32.32	24.61	-
November 2009	Nil	22.42	22.16	-
December 2009	Nil	26.25	20.48	-
January 2010	Nil	25.38	20.32	-
February 2010	Nil	27.5	22.35	-
March 2010	Nil	42.0	27.9	-

Production and productivity of Livestock, Poultry, Fisheries etc. in the district

Category	Population	Production	Productivity
Cattle	235159		
<i>Crossbred</i>			
<i>Indigenous</i>			
Buffalo	39385		
Sheep	75701		
<i>Crossbred</i>			
<i>Indigenous</i>			
Goats	111717		
Pigs	1170		
<i>Crossbred</i>			
<i>Indigenous</i>			
Rabbits	18		
Poultry	247075		
Hens			
<i>Desi</i>			
<i>Improved</i>			
Ducks			

Turkey and others			
Fish	1020 ha	20400 qt.	20 qt/ha
<i>Marine</i>			
<i>Inland</i>			
Prawn			
Scampi			
Shrimp			

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

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
KVK BOUDH	Polam	2006	Boudh	30	480	46
KVK BOUDH	Menda	2006	Harbhanga	14	315	32
KVK BOUDH	Amthapada	2008	Boudh	9	344	56
KVK BOUDH	Lambakani	2008	Harbhanga	10	252	37

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

KVK Name	THRUST AREA
KVK BOUDH	INM
KVK BOUDH	IPM
KVK BOUDH	Improving productivity of horticultural crops
KVK BOUDH	Kitchen Gardening
KVK BOUDH	Farm mechanization and soil and water conservation
KVK BOUDH	Farm forestry
KVK BOUDH	Scientific management of Goatery, Fishery, Dairy
KVK BOUDH	Organic farming

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

KVK Name	Problem identified	Methods of problem identification
KVK BOUDH	Improper Fertilizer Management	Field visit, PRA Survey and Group Discussion
KVK BOUDH	High labour intensive crops and less profit	Field visit, PRA Survey and Group Discussion
KVK BOUDH	Poor Commercial Horticulture	Field visit, PRA Survey and Group Discussion
KVK BOUDH	Low Productivity of Dairy, Goatery, Poultry, Pisciculture	Field visit, PRA Survey and Group Discussion
KVK BOUDH	Malnutrition	Field visit, PRA Survey and Group Discussion
KVK BOUDH	Low family income	Field visit, PRA Survey and Group Discussion
KVK BOUDH	Deforestation and less availability of fuel wood & fodder	Field visit, PRA Survey and Group Discussion
KVK BOUDH	Unemployment and poverty of landless farmers	Field visit, PRA Survey and Group Discussion
KVK BOUDH	Low yield of crops due to high incidence of pest & diseases	Field visit, PRA Survey and Group Discussion

2. OFT (Conducted during 2009-10)

2.1 Basic information of the Technology taken by the KVK

KVK name	Year	Season	Category of technology (Assessment / Refinement)	OFT on crop/ Enterprise	Title of OFT	OFT ID* (to be created by the KVK)	Name of Crop/ Enterprise	No of trials		Area (ha)		Status of the OFT (Completed/ Continued/ Result awaited)
								Targeted	Achieved	Targeted	Achieved	
KVK BOUDH	2009	Kharif	Assessment	Crop	Assessment of chemicals for control of Blast	KVKBOUDH09K201	Paddy	05	06	1.0	1.2	Completed
KVK BOUDH	2009	Kharif	Assessment	Crop	Assessment of SRI method in paddy	KVKBOUDH09K132	Paddy	10	10	4.0	4.0	Completed
KVK BOUDH	2009	Rabi	Assessment	Enterprise	Assessment of pedal operated ground nut thresher	KVKBOUDH0910R173	Pedal operated G.Nut Thresher	05	05	1.0	1.0	Completed
KVK BOUDH	2009	Rabi	Assessment	Crop	Assessment of IPM schedule for control of FSB in Brinjal	KVKBOUDH0910K204	Brinjal	05	05	0.2	0.2	Completed
KVK BOUDH	2009-10	Rabi	Assessment	Crop	Assessment of IPM schedule for control of stem borer in rice	KVKBOUDH0910R205	Paddy	05	05	1.0	1.0	Completed
KVK BOUDH	2009-10	Rabi	Assessment	Crop	Assessment of okra var. for YMV resistance	KVKBOUDH0910R216	Okra	05	05	0.5	0.5	Completed
KVK BOUDH	2009-10	Rabi	Assessment	Crop	Assessment of Onion variety Agrifound light Red	KVKBOUDH0910R107	Onion	05	05	0.5	0.5	Completed

* **KVK** + **Year** + **Season** + **Discipline & Code**

2.2 Details of Problems taken as OFT by the KVK

KVK name	OFT ID	Problem diagnose	Thematic area	Farmers' practice (T ₁)	Farming situation				Total Area of the district (in ha) affected by the problem	Name of the block(s) under KVK where the problem occurs
					Soil type	Irrigation	Type of Cultivation (Low land/ Mid land/ Up land)	Cropping system		
KVK BOUDH	KVKB OUDH09K201	Low yield of rice due to severe incidence of blast	IDM	No proper control measure	Medium black	Rainfed	Midland	Rice –vegetable	8120	Boudh Harbhanga
KVK BOUDH	KVKB OUDH09K132	Low yield of rice in traditional method of cultivation	ICM	Traditional method of rice cultivation	Black	Rainfed	Midland	Rice –vegetable	335	Boudh Harbhanga

KVK BOUDH	KVKBO UDH0910 R173	High labour cost in threshing	Farm Mechanisation	Manual threshing of groundnut	-	-	-	Rice –pulse	320	Boudh Harbhanga
KVK BOUDH	KVKBO UDH0910 K204	Low yield of brinjal due to severe infestation of fruit borer	IPM	No proper control measure	Sandyloam	Irrigated	Upland	Rice –vegetable	1335	Boudh Harbhanga
KVK BOUDH	KVKBO UDH0910 R205	Low yield of rice due to severe infestation of stem borer in rice	IPM	No proper control measure	Black	Irrigated	Loland	Rice –rice	543	Boudh Harbhanga
KVK BOUDH	KVKBO UDH0910 R216	Low yield of okra due to severe incidence of YMV	IDM	No proper control measure	Sandyloam	Irrigated	Upland	Rice –vegetable	53	Boudh Harbhanga
KVK BOUDH	KVKBO UDH0910 R107	Low yield of onion	Varietal evaluation	Cultivation of onion variety Nasik Red	Sandyloam	Irrigated	Upland	Rice –vegetable	523	Boudh Harbhanga

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

KVK Name	OFT ID No	Details of technology selected (T ₂)	Source of technology	Year of release of technology	If refinement in the technology, give details of refinement over recommended practices (T ₃)
KVK BOUDH	KVKBOUDH09K201	Application of Tricyclazole @ 500 gm / ha	O.U.A.T.	1999	-
KVK BOUDH	KVKBOUDH09K132	SRI method of rice cultivation	ANGARAU, Hyderabad	-	-
KVK BOUDH	KVKBOUDH0910R173	Introduction of pedal operated ground nut thresher	C.I.A.E. Bhopal`	-	-
KVK BOUDH	KVKBOUDH0910K204	Application of neem cake @ 250 kg / ha and alternate spray of Trizophos & neem oil	O.U.A.T.	-	-
KVK BOUDH	KVKBOUDH0910R205	Application of Cartap hydrochloride @ 20 Kg / ha and release of egg parasite <i>T. japonicum</i>	O.U.A.T.	2004	-
KVK BOUDH	KVKBOUDH0910R216	Cultivation of YMV resistant Okra var. Arka Anamika	I.I.H.R.	-	-
KVK BOUDH	KVKBOUDH0910R107	Cultivation of HYV var. of Onion Agrifound LightRed	NRC, Pune	-	-

2.4 Performance of the technology for assessment/refinement

A. Production

KVK Name	OFT ID					Bye- Product			
		Unit of measurement	Farmer's Practice (T ₁)	Recommended Practice (T ₂)	Refined Practice, if any (T ₃)	Unit of measurement	Farmer's Practice (T ₁)	Recommended Practice (T ₂)	Refined Practice, if any (T ₃)
KVK BOUDH	KVKBOUDH09K201	q /ha	31.8	40.5	-	Bundles	6200	7600	-
KVK BOUDH	KVKBOUDH09K132	q /ha	33.6	51.8	-	-do-	6210	7980	-
KVK BOUDH	KVKBOUDH09R173	Field efficiency in kg. /hour	3.4	27.4	-	-	-	-	-
KVK BOUDH	KVKBOUDH09K204	q /ha	168	208	-	-	-	-	-
KVK BOUDH	KVKBOUDH09R205	q /ha	36.6	42.2	-	-	-	-	-
KVK BOUDH	KVKBOUDH09R216	q /ha	61.7	82.3	-	-	-	-	-
KVK BOUDH	KVKBOUDH09R107	q /ha	247.3	208.6	-	-	-	-	-

B. Parameters

KVK Name	OFT ID	Observations taken on parameter I					Observations taken on parameter II				
		Parameter name	Unit of measurement	Farmer's Practice (T ₁)	Recommended Practice (T ₂)	Refined Practice, if any (T ₃)	Parameter name	Unit of measurement	Farmer's Practice (T ₁)	Recommended Practice (T ₂)	Refined Practice, if any (T ₃)
KVK BOUDH	KVKBOUDH09K201	% age of infection	%	15	7.5	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH09K132	No. of tillers per plant	Number	10.6	32.3	-	Grains per panicle	Numbers	180	276	-
KVK BOUDH	KVKBOUDH09R173	-	-	-	-	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH09K204	Percentage of FSB Infestation	%	30.6	8.4	-	-	-	-	-	-

KVK BOUDH	KVKBOUDH 0910R205	Percentage of white earhead	%	17.2	4.2	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH 0910R216	Percentage of YMV infection	%	48.2	3.8	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH 0910R107	Bulb diameter	C.M	4.72	5.78	-	-	-	-	-	-

C. Economic Performance

KVK name	OFT ID	Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Farmer's Practice (T ₁)	Recommended Practice (T ₂)	Refined Practice, if any (T ₃)	Farmer's Practice (T ₁)	Recommended Practice (T ₂)	Refined Practice, if any (T ₃)	Farmer's Practice (T ₁)	Recommended Practice (T ₂)	Refined Practice, if any (T ₃)	Farmer's Practice (T ₁)	Recommended Practice (T ₂)	Refined Practice, if any (T ₃)
KVK BOUDH	KVK BOUDH 09K201	17000	18450	-	31800	40500	-	14800	22050	-	1.87	2.19	-
KVK BOUDH	KVK BOUDH 09K132	17000	21500	-	33600	51850	-	16600	30350	-	1.97	2.41	-
KVK BOUDH	KVK BOUDH0 910R173	-	-	-	-	-	-	-	-	-	-	-	-
KVK BOUDH	KVK BOUDH0 910K204	50400	59300	-	84000	104000	-	33600	44700	-	1.66	1.75	-
KVK BOUDH	KVKBO UDH0910 R205	19000	21100	-	33600	42200	-	17600	21000	-	1.92	2.00	-
KVK BOUDH	KVKBO UDH0910 R216	47000	49500	-	61700	82300	-	14700	32800	-	1.31	1.66	-
KVK BOUDH	KVKBO UDH0910 R107	47800	53300	-	104300	123650	-	56500	70350	-	2.1	2.31	-

2.5 Recommendations/message form assessed/refined technology

KVK Name	OFT ID No	Final recommendation for micro level situation	Constraints identified and feedback for research	Process of farmers participation and their reaction	Farmers feed back	Process for sensitization of the line departments for replacement of the technology			
						Workshop/ meetings	Trainings	Visits	Publications
KVK BOUDH	KVKBOUDH09K201	This technology is recommended for local farming situation	-	Farmers' meeting, Training and Field' Visit	Cost effective	01	01	-	01
KVK BOUDH	KVKBOUDH09K132	SRI method is widely accepted by farmers	-	Farmers' meeting, Training and Field' Visit	Labour intensive & operation cost is high	01	01	01	01
KVK BOUDH	KVKBOUDH0910R173	The groundnut thresher is recommended for labour saving.	-	Farmers' meeting, Training and Field' Visit	Locally not available	-	-	01	-
KVK BOUDH	KVKBOUDH0910K204	The IPM module is recommended for local farming situation	100%control of FSB is not possible	Farmers' meeting, Training and Field' Visit	Net profit is less due to high cost of production	01	01	-	-
KVK BOUDH	KVKBOUDH0910R205	The management practice for stem borer is widely accepted by farmers	The management practice can not fully control stem borer attack	Farmers' meeting, Training and Field' Visit	-	01	-	01	-
KVK BOUDH	KVKBOUDH0910R216	The variety can be recommended for cultivation	Yield is less than hybrid	Farmers' meeting, Training and Field' Visit	-	01	-	01	-
KVK BOUDH	KVKBOUDH0910R107	The variety is suitable for micro farming situation	-	Farmers' meeting, Training and Field' Visit	Non availability of quality seed in local market	01	01	-	01

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

KVK Name	OFT ID No	Farmers' name	Main Product (kg/ha)			By-Product (kg/ha)			Observations on Other Parameter					Observations on Other Parameter				
			T ₁	T ₂	T ₃	T ₁	T ₂	T ₃	Parameter name	Unit	T ₁	T ₂	T ₃	Parameter name	Unit	T ₁	T ₂	T ₃
KVK BOUDH	KVKBOUDH09K201	Parsu Amat	3036	3905	-	650 0	750 0	-	% age of Infestation	%	14	8	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH09K201	Bancha Pradhan	3240	4000	-	600 0	780 0	-	% age of Infestation	%	15	7	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH09K201	Promod danayak	3335	4110	-	630 0	750 0	-	% age of Infestation	%	17	9	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH09K201	Satyajit Danayak	2978	3810	-	620 0	755 0	-	% age of Infestation	%	16	8	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH09K201	Pabitra Danayak	3005	4200	-	600 0	765 0	-	% age of Infestation	%	13	7	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH09K201	Ashesha Danayak	3480	4050	-	620 0	760 0	-	% age of Infestation	%	15	6	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH09K132	Bishnu Charan Danayak	3220	5150	-	620 0	785 0	-	No. of tillers per plant	Number	10	31	-	Grains per panicle	Number s	180	285	-
KVK BOUDH	KVKBOUDH09K132	Gautam Chaulia	3460	5200	-	615 0	790 0	-	No. of tillers per plant	Number	12	30	-	Grains per panicle	Number s	175	275	-
KVK BOUDH	KVKBOUDH09K132	Adit Kumar Bhanja	3380	5350	-	595 0	775 0	-	No. of tillers per plant	Number	9	32	-	Grains per panicle	Number s	185	260	-
KVK BOUDH	KVKBOUDH09K132	Pradeep Kumar Bhanja	3060	5100	-	635 0	760 0	-	No. of tillers per plant	Number	10	35	-	Grains per panicle	Number s	195	290	-
KVK BOUDH	KVKBOUDH09K132	Manoj Kumar Pradhan	3680	5000	-	650 0	795 0	-	No. of tillers per plant	Number	11	30	-	Grains per panicle	Number s	170	275	-
KVK BOUDH	KVKBOUDH09K132	Prasant Pradhan	4050	5300	-	635 0	800 0	-	No. of tillers per plant	Number	12	31	-	Grains per panicle	Number s	175	280 2	-
KVK BOUDH	KVKBOUDH09K132	Parikhita Mahakul	4250	5400	-	630 0	810 0	-	No. of tillers per plant	Number	10	32	-	Grains per panicle	Number s	180	270	-
KVKBOUDH	KVKBOUDH09K132	Akadushi Mesua	4250	5200	-	625 0	805 0	-	No. of tillers per plant	Number	11	33	-	Grains per panicle	Number s	175	280	-
KVK BOUDH	KVKBOUDH09K132	Anil Ku. Mesua	4350	5300	-	600 0	800 0	-	No. of tillers per plant	Number	10	34	-	Grains per panicle	Number s	185	265	-
KVK BOUDH	KVKBOUDH09K132	Ranjan Mqahakul	4200	4950	-	610 0	780 0	-	No. of tillers per	Number	11	35	-	Grains per	Number s	180	280	-

									plant					panicle				
KVK BOUDH	KVKBOUDH0910R173	Sasmita Bhoi	-	-	-	-	-	-	Efficiency	kg/hr	14	27	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R173	Usarani Bhoi	-	-	-	-	-	-	Efficiency	kg/hr	15	28	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R173	Puspanjali Nayak	-	-	-	-	-	-	Efficiency	kg/hr	13	29	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R173	Tapaswani Amat	-	-	-	-	-	-	Efficiency	kg/hr	16	26	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R173	Rajeswari Nayak	-	-	-	-	-	-	Efficiency	kg/hr	14	27	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910K204	Aditam Kalta	1470 0	1925 0	-	-	-	-	% age of infestation	%	38	13	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910K204	Bichitra Mahakul	1535 0	2030 0	-	-	-	-	% age of infestation	%	34	11	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910K204	Sadanand Mahakul	1790 0	2170 0	-	-	-	-	% age of infestation	%	27	7	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910K204	Rabindra Kalta	1760 0	2210 0	-	-	-	-	% age of infestation	%	31	5	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R205	Kushadhwaja Pradhan	3606	4702	-	-	-	-	% of white ear head	%	14	4	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R205	Byamkesh Pradhan	3408	4216	-	-	-	-	% of white ear head	%	17	3	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R205	Vedvyas Mahapatra	3812	4313	-	-	-	-	% of white ear head	%	15	5	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R205	Mangul Dehuri	4008	3800	-	-	-	-	% of white ear head	%	21	6	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R205	Harsad Nayak	3556	4110	-	-	-	-	% of white ear head	%	18	3	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R216	Sachidananda Kalta	7100	8700	-	-	-	-	% of YMV infestation	%	42	3	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R216	Rabindra Kalta	5450	7800	-	-	-	-	% of YMV infestation	%	44	4	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R216	Chiranjib Lauria	5400	73	-	-	-	-	% of YMV infestation	%	53	5	-	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R216	Umesh Bhoi	6100	8400	-	-	-	-	% of YMV infestation	%	56	4	-	-	-	-	-	-

KVK BOUDH	KVKBOUDH0910R216	Srinivas Amat	6800	8950	-	-	-	-	% of YMV infestation	%	46	3	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910K204	Gadadhar Mahakul	1845 0	2065 0	-	-	-	-	% age of infestation	%	23	6	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R107	Satyajit Danayak	1980 0	2390 0	-	-	-	-	Bulb Diameter	C.M.	4.5	5.4	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R107	Pradeep Bhanja	2035 0	2270 0	-	-	-	-	Bulb Diameter	C.M.	4.2	5.6	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R107	Umesh Bhoi	2150 0	2670 0	-	-	-	-	Bulb Diameter	C.M.	5.6	6.1	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R107	Sachitanand Kalta	2190 0	2525 0	-	-	-	-	Bulb Diameter	C.M.	4.6	5.7	-	-	-	-	-
KVK BOUDH	KVKBOUDH0910R107	Bishnu charan Kalta	2075 0	2510 0	-	-	-	-	Bulb Diameter	C.M.	4.7	6.1	-	-	-	-	-

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

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

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

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

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
KVK BOUDH	B.Gram intercropping with Arhar	Integrated crop management	B.Gram intercropping with Arhar	Kissanmela, FLD Field day, Meeting, Extension bulletin,	150	630	126
KVK BOUDH	Paddy	Varietal replacement	Varietal replacement of paddy RGL-2537	Kissanmela, FLD, Field day, Meeting, Extension bulletin	340	714	268
KVK BOUDH	Paddy	Soil fertility management	Application Bio-Fertilizer Azospi & PSB @ 5kg/ha.	Kissanmela, FLD, Field day, Meeting, Extension bulletin	322	1680	2865
KVK BOUDH	Paddy	Varietal replacement	Cultivation of scented rice Ketaki joha	Kissanmela, FLD, Field day, Meeting, Extension bulletin	46	93	37
KVK BOUDH	Paddy	INM	Application of Zinc Sulphate @ 10kg/ha.	Kissanmela, FLD, Field day, Meeting, Extension bulletin	272	532	213
KVK BOUDH	Paddy	IWM	Application of Weedicide Butachlor @ 1.0 a.i./ha.	Kissanmela, FLD, Field day, Meeting, Extension bulletin	124	248	62
KVK BOUDH	Sunflower	Varietal replacement	Cultivation of hybrid sunflower	Kissanmela, FLD, Field day, Meeting, Extension bulletin	156	293	148
KVK BOUDH	Mango	ICM	Introduction of new variety of mango Dasherri	Kissanmela, FLD, Field day, Meeting, Extension bulletin	32	123	53
KVK BOUDH	Banana	Varietal replacement	Cultivation of HYV of Banana	Kissanmela, FLD, Field day, Meeting, Extension bulletin	42	163	68
KVK BOUDH	Papaya	Crop diversification	Varietal replacement(Honey dew)	Kissanmela, FLD, Field day, Meeting, Extension bulletin	15	47	11
KVK BOUDH	Pumpkin	INM	Guamal	Kissanmela, FLD, Field day, Meeting, Extension bulletin	125	375	68
KVK BOUDH	Onion	ICM	IDM (Control of purple blotch)	Kissanmela, FLD, Field day, Meeting, Extension bulletin	320	756	378

3.2 Details of FLDs implemented

KVK Name	Type (Crop/Enterprise)	Name of Crop/Enterprise	Category of crops*	Category of Enterprise**	Season and year	Thematic area	Area (ha) in case of crop	No. of Units, in case of Enterprise	Size of Unit in case of Enterprise	No. of farmers				
										SC	ST	OBC	Others	Total
KVK Boudh	Crop	Maize	Cereal	--	Kharif	ICM	1.0	-	--	--	--	5	--	5
KVK Boudh	Crop	Paddy	Cereal	-	Kharif	INM	1.0	-	-	3	-	7	-	10
KVK Boudh	Crop	Scented rice	Cereal	-	Kharif	Varietal evaluation	0.3	-	-	2	-	5	-	7
KVK Boudh	Crop	Paddy	Cereal	-	Kharif	IWM	4.0	-	-	3	-	6	1	10
KVK Boudh	Crop	Paddy	Cereal	-	Kharif	IPM	4.0	-	-	1	-	4	5	10
KVK Boudh	Crop	Paddy	Cereal	-	Kharif	INM	1.0	-	-	1	-	6	3	10
KVK Boudh	Crop	Banana	Fruits	-	Kharif	IDM	0.4	-	-	1	-	7	-	8
KVK Boudh	Crop	Pointed gourd	Vegetables	-	Kharif	IDM	0.8	-	-	2	-	8	-	10
KVK Boudh	Crop	Brinjal	Vegetables	-	Kharif	IPM	0.4	-	-	3	-	8	-	11
KVK Boudh	Crop	Sunflower	Oilseed	-	Rabi	Varietal evaluation	1.0	-	-	2	-	2	1	5
KVK Boudh	Crop	Sunflower	Oilseed	-	Rabi	INM	2.0	-	-	-	-	2	3	5
KVK Boudh	Crop	Nutritional gardening	Vegetables	-	Rabi	ICM	1.0	-	-	3	-	7	-	10
KVK Boudh	Crop	Water melon	Vegetables	-	Rabi	ICM	1.0	-	-	1	-	4	-	5
KVK Boudh	Crop	Teak	Forest crops	-	Kharif	IFS	1.25	-	-	3	-	7	-	10
KVK Boudh	Crop	Sisoo	Forest crop	-	Kharif	IFS	0.4	-	-	2	-	2	-	4

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

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

3.3 Details of farming situation

KVK Name	Name of Crop/Enterprise	Farming situation (Rainfed/Irrigated)	Soil type	Type of Cultivation (Lowland/Midland/Upland)	Cropping system	Previous crops	Status of soil (kg/ha)			Sowing Time	Harvest date	Seasonal rainfall (mm)	No. of rainy days	Status of the FLD (Completed/Continued/Result awaited)
							N	P	K					
KVK Boudh	Maize + cowpea	Rainfed	Medium Black	Upland	Maize – vegetable	Vegetable	Low	Low	Medium	July Ist week	Oct Ist week	888	39	Completed
KVK Boudh	Paddy	Irrigated	Clay loam	Lowland	Rice – rice	Rice	Low	Low	Medium	July II week	Dec Ist week	888	39	Completed
KVK Boudh	Paddy	Irrigated	Clay loam	Lowland	Rice – rice	Rice	Low	Low	Medium	July week	Dec Ist week	888	39	Completed
KVK Boudh	Paddy	Irrigated	Clay loam	Lowland	Rice – rice	Rice	Low	Low	Medium	July IV week	Dec III week	888	39	Completed
KVK Boudh	Paddy	Irrigated	Clay loam	Lowland	Rice – rice	Rice	Low	Low	Medium	July IV week	Dec III week	888	39	Completed
KVK Boudh	Paddy	Irrigated	Clay loam	Lowland	Rice – rice	Rice	Low	Low	Medium	July III week	Dec II week	888	39	Completed
KVK Boudh	Sunflower	Irrigated	Clay loam	Midland	Rice oilseed	Rice	Low	Medium	Medium	Dec IV week	March III week	888	39	Completed
KVK Boudh	Sunflower	Irrigated	Clay loam	Midland	Rice oilseed	Rice	Low	Medium	Medium	Feb II week	May II week	888	39	Completed
KVK Boudh	Vegetable, fruits	Irrigated	Sandy loam	Upland	Vegetable	Vegetable	Low	Medium	Medium	July I Week	Oct IV week Onwards	888	39	Completed
KVK Boudh	Banana	Irrigated	Sandy loam	Upland	Vegetable	Vegetable	Low	Medium	Medium	July III week	-	888	39	Continued
KVK Boudh	Pointed Gourd	Irrigated	Sandy loam	Upland	Vegetable	Vegetable	Low	Medium	Medium	July II week	Oct II Week	888	39	Completed
KVK Boudh	Brinjal	Irrigated	Sandy loam	Upland	Vegetable	Vegetable	Low	Medium	Medium	July III Week	Oct II Week	888	39	Completed

KVK Boudh	Water Melon	Irrigated	Sandy loam	Upland	Vegetable	Vegetable	Low	Medium	Medium	Dec IV Week	Mar IV Week	-	-	Completed
KVK Boudh	Teak	Rainfed	ClayLoam	Upland	Fallow	Fallow	Low	Low	Medium	July I week	Perennial Crop	888	39	Continued
KVK Boudh	Sisso	Rainfed	ClayLoam	Upland	Pulse-Fallow	Arhar	Low	Low	Medium	July I week	Perennial Crop	888	39	Continued

3.4 Details of Technology demonstrated

KV K Name	Name of Crop/ Enterprise	Problem Identified	Detail of Farmers practice (Local Check)	Name of Technology	Detail of the technology demonstrated	Source and year of technology released	Thematic Area	Name of Variety Used	Characteristic of the variety	Source of variety and year of release	Whether assessed under OFT or not
KVK Boudh	Maize + cowpea	Low yield and high risk from sole crop	Mono cropping	Intercropping	Intercropping of maize with cow pea 2:2 Proportion	O.U.A.T	ICM	Navjot, Gayatri	Full Filled Cob Higher grain yield Bushy plant Avg yield-69qt/ha.	O.U.A.T	Not accessed
KVK Boudh	Paddy	Low yield due to non application of recommended dose of fertilizer	Non application of recommended dose of fertilizer	Nutrient management through Bio-fertilizer application	Application of Azospirillum & PSB each @ 5 kg./ ha. Inoculated with 100kg.of FYM	O.U.A.T (B.B.S.R)	INM	Swarna	Partially meets Nutrient needs of plant,maintain soil health & increases yield	O.U.A.T	Accessed
KVK Boudh	Paddy	Low yield from local sented rice varieties	Cultivation of local scented rice var. Chatei Khia	Cultivation of HYV var.of scented rice Ketakijuha	Cultivation of HYV var.of scented rice Ketakijuha	CRRI (Cuttack)	Varietal Evaluation	Ketakijuha	Long Slender grain, High yield potential	CRRI (Cuttack)	Accessed
KVK	Paddy	Low yield due	Manual	Chemical	Application	O.U.A.T	WM	-	-	-	Accessed

Boudh		to weed infestation	weeding	weed control in paddy	of Butachlor @ 2.0 lit/ha at 3-4 days of trans planting	(B.B.S.R)					
KVK Boudh	Paddy	Low yield due to severe infestation of Gallmidge infestation	No proper control measure	Control of Gallmidge in paddy	Nursery treatment with Carbofuran 2.5kg/ha. And application of Chloropyriphos @ 1lt./ha in main field	O.U.A.T (B.B.S.R)	IPM	-	-	-	Not accessed
KVK Boudh	Paddy	Low yield due to micro-nutrient deficiency	No application of micro-nutrient	Application of micro-nutrient (Zinc) to paddy	Soil application of Zinc Sulphate @25 kg./ha.	O.U.A.T (B.B.S.R)	INM	-	-	-	Accessed
KVK Boudh	Sunflower	Low yield due to Local Var.	Cultivation local var.	Cultivation of Hybrid Var.	Cultivation of Hybrid Var. KBSH-1	?	Varietal Evaluation	KBSH-1	Large sized head, high percentage of oil content	?	Not accessed
KVK Boudh	Sunflower	Low Yield due to Micro-nutrient deficiency	No application of micro-nutrient	Application of micro-nutrient (Boron) to Sunflower	Foliar application of Sodium tetraborate @0.5 kg./ha.	O.U.A.T (B.B.S.R)	INM	-	-	-	Accessed
KVK Boudh	Vegetable & fruits	Malnutrition	Improper utilisation of Backyard space	Nutritional Gardening	Cultivation of different var.of fruits & seasonal vegetables	O.U.A.T (B.B.S.R)	ICM	-	-	-	Not accessed
KVK Boudh	Banana	Low yield due to Disease infection	No proper control measure	IDM in Banana	Sucker treatment with Pseudomonas & Tricoderma and	O.U.A.T (B.B.S.R)	IDM	-	-	-	Not Accessed

					Application of Ridomil 2gm./lt and plantomycin 1gm/lt						
KVK Boudh	Pointed Gourd	Low Yield due to Wilt	No proper control measure	IDM in Pointed Gourd	Root cutting Treated with Tricoderma & pseudomonas formulation & need based application of ridomil @ 1 kg./ ha	O.U.A.T (B.B.S.R)	IDM	-	-	-	Not accessed
KVK Boudh	Brinjal	Low Yield due to heavy infestation of FSB	No proper control measure	Use of pheromone trap in Brinjal	Use of Pheromone Trap @ 15 no /ha	O.U.A.T (B.B.S.R)	IPM	-	-	-	Not accessed
KVK Boudh	Water Melon	High Percentage of mortality in Direct seeding Method	Direct seeding in main field	Transplanting Tech. in water melon	Sowing seeds in poly bag & transplanting at 10-15 day of sowing	O.U.A.T (B.B.S.R)	ICM	-	-	-	Accessed
KVK Boudh	Teak	Shortage of fuel wood & Timber	Cultivation of Arhar in field bund	Farm forestry	Plantation of Stump teak in field Bund at 3 mt. interval	NRCAF (Jhansi)	Integrated Farming System	Local	-	-	Not accessed
KVK Boudh	Sisso	Shortage of Fodder, fuel wood & Timber	Cultivation of Arhar in field bund	Farm forestry	Plantation of Sissoo in field Bund at 3 mt. interval	NRCAF (Jhansi)	Integrated Farming System	Local	-	-	Not accessed

3.5 Performance of FLD

A. Production

KVK Name	Name of Crop/Enterprise	Thematic Area	Variety	No. of Farmers	Area (ha)	Production (q/ha)			Local Check	Increase in yield (%)
						Demonstration				
						Maxi	Min	Average		
1	2	3	4	5	6	7	8	9	10	11
KVK BOUDH	Maize + cowpea	ICM	Navjot, Gayatri	10	1.0	30	23	26.2	18	45.5
KVK BOUDH	Paddy	INM	Swarna	10	2.0	43	36.5	40.2	31.5	27.6
KVK BOUDH	Paddy	Varietal Evaluation	Ketakijuha	5	0.3	24.5	19.2	23.9	18.6	28.5
KVK BOUDH	Paddy	IWM	-	10	4.0	42.5	39	41	30.5	34.4
KVK BOUDH	Paddy	IPM	-	7	4.0	44.5	39	41.6	33.6	23.8
KVK BOUDH	Paddy	INM	-	10	1.0	49	37.5	42.7	31.5	35.5
KVK BOUDH	Sunflower	Varietal Evaluation	KBSH-1	5	0.4	13	11.5	12.3	9.8	25.5
KVK BOUDH	Sunflower	INM	-	5	0.8	17	13.5	15.2	11.6	31.03
KVK BOUDH	Vegetable & fruits	ICM	-	10	1	82	63	71.6	43	66
KVK BOUDH	Banana	IDM	-	10	1.0	-	-	-	-	-
KVKBOUDH	Pointed Gourd	IPM		11	2.0	212.1	182.3	194.7	147.3	32
KVK BOUDH	Brinjal	IPM	-	10	1.0	231	176	197.3	178.6	10.5
KVK BOUDH	Water Melon	ICM	-	5	1.0	223	198	208.4	176	18
KVK BOUDH	Teak	Integrated Farming System	Local	10	1.25	-	-	-	-	-
KVK BOUDH	Sisso	Integrated Farming System	Local	4	0.4	-	-	-	-	-

B. Other Parameters (continuation of previous table)

KVK Name	Name of Crop/Enterprise	Data on parameter in relation to technology demonstrated				Data on parameter in relation to technology demonstrated				Data on parameter in relation to technology demonstrated			
		Name of parameter	Unit	Demo	Local Check	Name of parameter	Unit	Demo	Local Check	Name of parameter	Unit	Demo	Local Check
		12	13	14	15	16	17	18	19	20	21	22	23
KVK Boudh	Maize + cowpea	-	-	-	-	-	-	-	-	-	-	-	-
KVK Boudh	Paddy	Tillers/Plant	No	12.5	8	Grains/panicle	No	219	173.5				
KVK Boudh	Paddy	Grains/panicle	No	160	122	-	-	-	-	-	-	-	-
KVK Boudh	Paddy	Weeds/Sq. mt	No	2.8	15.3	-	-	-	-	-	-	-	-
KVK Boudh	Paddy	% of Infection	%	4.89	28.9	-	-	-	-	-	-	-	-
KVK Boudh	Paddy	Tillers/Plant	No	11.8	7.9	Grains/panicle	No	249	198	-	-	-	-
KVK Boudh	Sunflower	Diameter of the Head	Cm	20.6	13.8	-	-	-	-	-	-	-	-
KVK Boudh	Sunflower	Diameter of the Head	Cm	21.6	13.6	-	-	-	-	-	-	-	-
KVK Boudh	Vegetable & fruits	-	-	-	-	-	-	-	-	-	-	-	-
KVK Boudh	Banana	% age of wilt	%	4.25	30.5	-	-	-	-	-	-	-	-
KVK Boudh	Pointed Gourd	% age of wilt	%	9.5	44.1	-	-	-	-	-	-	-	-
KVK Boudh	Brinjal	% age of infestation	%	11.6	33.6	-	-	-	-	-	-	-	-
KVK Boudh	Water Melon	% age of mortality of seedling	%	5.8	24.4	-	-	-	-	-	-	-	-
KVK Boudh	Teak	Height	Mt.	2.1	-	Stem diameter	cm	1.0	-	-	-	-	-
KVK Boudh	Sisso	Height	Mt.	2.6	-	Stem diameter	cm	1.5	-	-	-	-	-

C. Economic Impact (continuation of previous table)

KVK Name	Name of Crop/Enterprise	Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
		Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check
		24	25	26	27	28	29	30	31
KVK BOUDH	Maize + cowpea	17,500	14,000	26,200	18,000	8,700	4,000	1.49	1.25
KVK BOUDH	Paddy	17,500	17,000	40,200	31,500	22,700	14,500	2.29	1.85
KVK BOUDH	Paddy	18,000	17,000	43,020	33,480	25,020	16,480	2.39	1.96
KVK BOUDH	Paddy	17,600	17,000	41,000	30,500	23,400	13,500	2.32	1.79
KVK BOUDH	Paddy	17,900	17,000	41,600	33,600	23,700	16,600	2.32	1.97
KVK BOUDH	Paddy	19,000	17,000	42,700	31,500	23,700	14,500	2.24	1.85
KVK BOUDH	Sunflower	15,600	14,600	24,600	19,600	9,000	5,000	1.57	1.34
KVK BOUDH	Sunflower	14,775	14,600	30,400	23,200	15,625	8,600	2.05	1.58
KVK BOUDH	Vegetable & fruits	16,500	12,700	35,800	21,500	29,300	18,800	2.16	1.30
KVK BOUDH	Banana	-	-	-	-	-	-	-	-
KVK BOUDH	Pointed Gourd	66,300	63,900	1,55,760	1,17,840	89,460	53,940	2.34	1.84
KVK BOUDH	Brinjal	57,300	54,800	1,18,380	1,07,160	56,680	52,360	2.06	1.95
KVK BOUDH	Water Melon	36,200	34,300	83,360	70,400	47,160	36,100	2.30	2.05
KVK BOUDH	Teak	8,500	3,500	-	-	-	-	-	-
KVK BOUDH	Sisso	7,300	1,900	-	-	-	-	-	-

3.6 Analytical Review of component demonstrations

KVK Name	Crop	Season	Type of Demo (Full Package/Component)	Components provided by KVK	Components provided by Farmers	Farming situation	Average yield under demonstration(q/ha)	Average yield under Local check (q/ha)	Percentage increase in productivity over local check
KVK BOUDH	Maize + cowpea	Kharif 2009	Component (Seed)	Maize & cow pea seed	Fertilizers	Rainfed	26.2	18.0	45.5
KVK BOUDH	Paddy	Kharif 2009	Component	Bio fertilizer (Azospi and PSB)	FYM & Fertilizers	Irrigated	40.2	31.5	27.6
KVK BOUDH	Paddy	Kharif 2009	Component	Seed	FYM & Fertilizers	Irrigated	23.9	18.6	28.5
KVK BOUDH	Paddy	Kharif 2009	Component Weedicides	Butachlor	FYM & Fertilizers	Irrigated	41.0	30.5	34.4
KVK BOUDH	Paddy	Kharif 2009	Component Pesticides	Furadon and chloropyriphos	FYM & Fertilizers	Irrigated	41.6	33.6	23.8
KVK BOUDH	Paddy	Kharif 2009	Component Micronutrient	Zinc Sulphate	FYM & Fertilizers	Irrigated	42.7	31.5	35.5
KVK BOUDH	Sunflower	Rabi 2009-10	Component seed	KBSH-1	FYM & Fertilizers	Irrigated	12.3	9.8	25.5
KVK BOUDH	Sunflower	Rabi 2009-10	Component Micronutrient	Boron	FYM & Fertilizers	Irrigated	15.2	11.6	31.03
KVK BOUDH	Vegetable & fruits	Kharif 2009	Component Seeds	Seeds and Seedlings	FYM & Fertilizers	Irrigated	71.6	43	66
KVK BOUDH	Banana	Kharif 2009	component pesticides	Ridomil, Carbofuran, Streptocycline	FYM & Fertilizers	Irrigated	-	-	-
KVK BOUDH	Pointed Gourd	Kharif 2009	Component pesticides	Trichoderma, pseudomonas, Ridomil	FYM & Fertilizers	Irrigated	194.7	147.3	32
KVK BOUDH	Brinjal	Kharif 2009	Component Pheromone trap	Pheromone trap, Pheromone	FYM & Fertilizers	Irrigated	197.3	178.6	10.5
KVK BOUDH	Water Melon	Rabi, 2009-10	Component	Seed and Polybag	FYM & Fertilizers	Irrigated	208.4	176	18
KVK BOUDH	Teak	Kharif 2009	Component Seedling and pesticide	Seedlings chloropyriphos	FYM & Fertilizers	Rainfed	-	-	-
KVK BOUDH	Sisso	Kharif 2009	Component Seedling and pesticide	Seedlings chloropyriphos	FYM & Fertilizers	Rainfed	-	-	-

3.7 Technical Feedback on the demonstrated technologies

KVK Name	Crop	Demonstrated Technology	Village	Block Name	Feed Back
KVK BOUDH	Maize + cowpea	Intercropping	Amthapada	Boudh	Intercropping increases the yield as against mono cropping. Farmers get better return from two crops instead of single crop.
KVK BOUDH	Paddy	Nutrient management through Bio-fertilizer application	Amthapada Lambakani	Boudh Harabhanga	All the farmers appreciated the performance of demonstration and adopt the components.
KVK BOUDH	Paddy	Cultivation of HYV var.of scented rice Ketakijuha	Amthapada Menda	Boudh Harabhanga	Though it gives better yield but farmers did not show interest due to lodging effect.
KVK BOUDH	Paddy	Chemical weed control in paddy	Amthapada Lambakani	Boudh Harabhanga	All the farmers appreciated the performance of demonstration and adopt the components
KVK BOUDH	Paddy	Control of Gallmidge in paddy	Lambakani	Harabhanga	All the farmers appreciated the performance of demonstration and adopt the components
KVK BOUDH	Paddy	Application of micro-nutrient (Zinc) to paddy	Lambakani Amthapada	Harabhanga Boudh	All the farmers appreciated the performance of demonstration and adopt the components as it increases grain and tiller no.
KVK BOUDH	Sunflower	Cultivation of Hybrid Var.	Lambakani Amthapada	Harabhanga Boudh	The farmers are very satisfied with the performance of sunflower due to increased head size.
KVK BOUDH	Sunflower	Application of micro-nutrient (Boron) to Sunflower	Lambakani Polam	Harabhanga Boudh	All the farmers appreciated the performance of demonstration and adopt the components as it increases the head size and oil content.
KVK BOUDH	Vegetable & fruits	Nutritional Gardening	Lambakani Amthapada Menda	Harabhanga Boudh Harabhanga	Farmwomen appreciated the technology
KVK BOUDH	Banana	IDM in Banana	Polam	Boudh	Contd.
KVK BOUDH	Pointed Gourd	IDM in Pointed Gouard	Polam	Boudh	All the farmers appreciated the performance of demonstration and adopt the pesticides
KVK BOUDH	Brinjal	Use of pheromone trap in Brinjal	Lambakani Amthapada	Harabhanga Boudh	Though the % of infestation is less but the technology alone cannot suppress the infestation FSB in Brinjal
KVK BOUDH	Water Melon	Transplanting Tech. in water melon	Lambakani Amthapada	Harabhanga Boudh	All the farmers appreciated the performance of demonstration but delay in transplanting reduce vigour of plant
KVK BOUDH	Teak	Farm forestry	Amthapada Lambakani	Boudh Harabhanga	All the farmers appreciated the performance of demonstration and adopt the components.
KVK BOUDH	Sisso	Farm forestry	Amthapada Lambakani	Boudh Harabhanga	All the farmers appreciated the performance of demonstration and adopt the components.

3.8 Farmers' reactions on specific technologies

KVK Name	Crop	Demonstrated Technology	Farmers' Name			Feed Back
KVK BOUD H	Maize + cowpea	Intercropping	Haladhar Chaulia			More profit but cost effective
KVK BOUD H	Paddy	Nutrient management through Bio-fertilizer application	Manoj Kumar Pradhan			Good yield and reduces nitrogen fertilizer application rate
KVK BOUD H	Paddy	Cultivation of HYV var.of scented rice Ketakijuha	Golekha Danayak			Slender grains and lodging effect
KVK BOUD H	Paddy	Chemical weed control in paddy	Raghunath Pradhan			Reduces weeds and increases yield
KVK BOUD H	Paddy	Control of Gallmidge in paddy	Pradep kumar Bhanja			Reduces pest infestation percentage
KVK BOUD H	Paddy	Application of micro-nutrient (Zinc) to paddy	Adit Kumar Bhanja			Increases tillers per hill
KVK BOUD H	Sunflower	Cultivation of Hybrid Var.	Jagabandhu Pradhan			Larger head size
KVK BOUD H	Sunflower	Application of micro-nutrient (Boron) to Sunflower	Rabi Narayan BhanjaDeo			Increases oil content
KVK BOUD H	Vegetable & fruits	Nutritional Gardening	Madhusmita Das			It supplement balance diet round the year
KVK BOUD H	Banana	IDM in Banana	-	-	-	-
KVK BOUD H	Pointed Gourd	IDM in Pointed Gourd	Bishnu ch. Kalta			Unavailability of biopesticide in local market
KVK BOUD H	Brinjal	Use of pheromone trap in Brinjal	Satyjit Danayak			Unavailability of lure for pheromone trap in local market
KVK BOUD H	Water Melon	Transplanting Tech. in water melon	Govinda Pradhaan			It saves time, labour & mortality of plant

KVK BOUDH	Teak	Farm forestry	Baidanath Nayak			Growth hampers due to infestation of pest
KVK BOUDH	Sisso	Farm forestry	Rudranarayan Bhanja			Problem of cattle menace

3.9 Extension and Training activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
KVK BOUDH	Paddy	Field days	-	-	-
KVK BOUDH		Farmers Training	1	26	-
KVK BOUDH		Media coverage	-	-	-
KVK BOUDH		Training for extension functionaries	-	-	-
KVK BOUDH	Paddy	Field days	-	-	-
KVK BOUDH		Farmers Training	1	25	-
KVK BOUDH		Media coverage	-	-	-
KVK BOUDH		Training for extension functionaries	-	-	-
KVK BOUDH	Brinjal	Field days	-	-	-
KVK BOUDH		Farmers Training	1	25	-
KVK BOUDH		Media coverage	-	-	-
KVK BOUDH		Training for extension functionaries	-	-	-
KVK BOUDH	Water melon	Field days	-	-	-
KVK BOUDH		Farmers Training	1	25	-
KVK BOUDH		Media coverage	-	-	-
KVK BOUDH		Training for extension functionaries	-	-	-

KVK	Teak	Field days	-	-	-
BOUDH					
KVK		Farmers Training	1	25	-
BOUDH					
KVK		Media coverage	-	-	-
BOUDH					
KVK		Training for extension functionaries	1	15	-
BOUDH					

IMPORTANT INSTRUCTION

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