



ACTION PLAN

1st April 2010 to 31st March 2011

**KRISHI VIGYAN KENDRA
BOUDH**

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FORMAT 1- GENERAL, OFT, FLDS

IMPORTANT INSTRUCTION

- 1. Do not modify/add/delete the column of the tables. If you want to give additional information, please attached with 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. You can add your data on blank row or insert the new row below where you have to insert the information.**
- 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).**

ACTION PLAN PERIOD – Kharif 2010 and Rabi 2010-11

Details of Adopted village (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)
Boudh	Badagochhapada	2010	Boudh	10	480	46
	Isirisinga	2010	Harbhanga	5	315	32
	Amthapada	2008	Boudh	9	344	56
	Lambakani	2008	Harbhanga	10	252	37

THRUST AREA IDENTIFIED BY KVKs (Approved by competent Authority in meetings/workshop)

KVK Name	THRUST AREA
Boudh	INM
Boudh	IPM
Boudh	Improving productivity of horticultural crops
Boudh	Kitchen Gardening
Boudh	Farm mechanization,
Boudh	Farm forestry
Boudh	Soil and Water conservation and Water harvesting
Boudh	Scientific management of goatery, Fishery, Dairy
Boudh	Organic farming

PROBLEM IDENTIFIED BY KVKs (Approved by competent Authority in meetings/workshop)

KVK Name	Problems identified
Boudh	Improper Fertilizer Management
Boudh	High labour intensive crops
Boudh	Poor Commercial Horticulture
Boudh	Low Productivity of Dairy, Goatery, Poultry, Pisciculture
Boudh	Malnutrition
Boudh	Low family income
Boudh	Deforestation and less availability of Timber, fuel wood & fodder
Boudh	Unemployment and poverty of landless farmers
Boudh	Low yield of crops due to high incidence of pest & diseases
Boudh	Slopy and undulating terrain which enhances the soil erosion
Boudh	Labour scarcity

REPORTING PERIOD – KHARIF 2010 and RABI 2010-11

1. Summery of Technical Programmes

Table 1.1: Details of target of mandatory activities by KVK 2009-10 (Season based activity like OFT, FLD, Seed – Reporting period is Kharif 10 and Rabi 2010-11; for training and others – Reporting Period from April, 2010 to March, 2011)

KVK Name	Activity	Target	
		Number of activity taken	Number of farmers/ beneficiaries
Boudh	OFTs	21	105
Boudh	OFT converted to FLDs	5	25
Boudh	FLDs – Oilseeds (activity in ha)	5	12
Boudh	FLDs – Pulses(activity in ha)	5	12
Boudh	FLDs - Cotton(activity in ha)	-	-
Boudh	FLDs – Other than Oilseed and pulse (activity in ha/ unit if taken in Enterprise)	28	140
Boudh	1. Training-Farmers and farm women	75	1875
Boudh	2. Training-Rural youths	11	165
Boudh	3. Training- Extension functionaries	16	240
Boudh	Extension Activities	575	6008
Boudh	Seed Production (Number of activity is as seeds in quintal)	23	65

KVK Name	Activity	Target	
		Number of activity taken	Number of farmers/ beneficiaries
Boudh	Planting material ((Number of activity is as number of planting material)	1,53,000	110

Table 1.2: Abstract of interventions to be taken during April, 2010 to March, 2011

KVK name	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
Boudh	INM	Rice Wheat Oilseeds Pulses Vegetables	Improper Fertilizer Management Deficiency of micronutrient	1. Assessment of Boron application in Greengram 2. Assessment foliar application of polyfeed in Brinjal. 3. Assessment of liming in Arhar. 4. Assessment of Integrated Nutrient Management in Wheat.	1. Application of Bio Fertilizer in Rice 2. Effect of application of Zinc in paddy 3. INM in potato	1. INM in Paddy, Oilseeds, Pulses, Winter Vegetables Use of bio fertilizer in paddy 2. Use of bio fertilizer in pulses	1. Organic Farming 2. INM in Paddy	Field Day Kishan Mela, Group discussion, Farmers interaction	Bio-Fertilizer, Micro nutrients Earthworm and cement.
Boudh	ICM	Paddy Maize Sugarcane, Ground nut	Low productivity, High water used & severe lodging High labour cost	1. Assessment of Chemical weed control in groundnut 2. Assessment of foliar application of growth regulator in Watermelon	1. Chemical weed control in maize 2. Intercropping of Maize with cow pea 3. Assessment of SRI with var. Swarna / MTU 1001	1. Planting technique in sugarcane 2. Management of Paira cropping 3. Intercropping system 4. SRI method of paddy cultivation 5. Production techniques of maize	1. SRI method of Rice cultivation 2. Vermicomposting	Field day, Group discussion, Feedback collection, Kisan Mela	Weedicide supply of seeds and fertilizer

Boudh	IPM & IDM	Paddy, Pulses and Vegetable	Prevalence of Disease and Pest	<ol style="list-style-type: none"> 1. Assessment of control measures for sheathulite in paddy 2. Assessment of IDM for leaf curl in Tomato 3. Assessment of Phomopsis fruit rot in Brinjal 	<ol style="list-style-type: none"> 1. Use of poison bait in controlling fruit fly in pumpkin 2. Management of Fruit & shoot borer in Brinjal. 3. Management of stem borer in summer paddy 4. Control of blast in paddy 	<ol style="list-style-type: none"> 1. IPM in Arhar, cauliflower, and winter vegetables, cucurbits, Solanaceous crop, pumpkin, water melon, 2. Use of bioagent and biopesticides 3. IDM in pointed gourd, tomato, brinjal, kharif rice 4. IPM in mango 	<ol style="list-style-type: none"> 1. Use of Bio Pesticides 2. IPM in paddy 	Field day, Group discussion, Feedback collection, Kisan Mela	Seeds and Pesticides
Boudh	Modern tillage implements, farm mechanization Soil and water conservation, post harvest technology	Groundnut Potato Paddy	High labour intensity crops and less profit High soil and water erosion Low irrigation efficiency High post harvest losses	<ol style="list-style-type: none"> 1. Assessment of performance of groundnut decorticator 2. Assessment of use of potato digger 3. Assessment of paddy parboiling unit 	<ol style="list-style-type: none"> 1. Use of groundnut thresher 2. Use of KB pump 3. Use of hand operated winnower 	<ol style="list-style-type: none"> 1. Use of intercultural implements in agriculture 2. Repair and maintenance of farm implement 3. Raising of crops in poly houses, 4. Use and maintenance of micro-irrigation system 5. Water management of field crops. 6. Different groundwater recharge techniques 7. Methods of soil and water conservation 8. Low cost storage structure and its use 	<ol style="list-style-type: none"> 1. Watershed management 2. Precision farming 	Group Discussion, Field day, Feedback collection	Supply of intercultural implements,
Boudh	Commercial Horticulture	Banana, Mango, Papaya Water melon	Poor Commercial Horticulture		<ol style="list-style-type: none"> 1. Cultivation of HYV of onion, 2. Cultivation of YMV resistant variety of Okra 3. Cultivation of Grafted Mango 	<ol style="list-style-type: none"> 1. Technique of Cultivation of Mango and Banana, papaya 2. Propagation of Fruit Crop 3. Package of practices vegetables like pumpkin, watermelon, Sweetpotato, cauliflower, brinjal and chilly 	<ol style="list-style-type: none"> 1. Rejuvenation of orchard 2. Protected cultivation technology 	Group Discussion, Kisan Mela, Field day, Feedback collection	Grafted Mango Plants, Papaya Seedlings, Banana Suckers and polybags

Boudh	Varietal replacement	Paddy Onion, Pointed gourd	Low yield from local variety	1. Assessment of variety Banana Grandnene 2. Assessment of HYV paddy var.Ranidhana 3. Assessment of HYV of pointed gourd	1. Cultivation of HYV Rice variety Manoswini 2. Cultivation of hybrid sunflower	1. Package & practice of Onion 2. ICM in Sunflower		Kisan Mela, Field day, Feedback collection	seed, Planting material,
Boudh	Kitchen Gardening And drudgery reduction	Vegetables in backyard along with fruit crops, flowers	Malnutrition	1.Assessment of use of tubular maize thresher 2.Assessment of performance of marigold in backyard 3.Assessment of improved sickle	1. Nutritional gardening 2. Paddy straw mushroom 3. Use of clipping knife in harvesting of okra. 4. Oyster straw mushroom	1. Use of farm implement to reduce drudgery 2. Management of store grain and household pest 3. Value addition 4. Mushroom cultivation 5. Nutritional gardening 6. Low cost nutritious diet	1. Household food security 2. Nutrition and health care	Group discussion, Field day, Feedback collection	Vegetables, Minikits, Seedlings
Boudh	Agro-Forestry	Forest Plant	Deforestation and poor availability of Timber, fuel wood& fodder	1. Assessment of of turmeric cultivation under teak plantation. 2. assessment performance of vegetative ly propagated bamboo	1. Sisso based Farm Forestry 2. Teak based farm forestry 3. Bamboo based farm forestry 4. Cultivation of hybrid Napier in silvipastural system	1. Farm Forestry 2.Agricilvi cultural system of farming 3. Seiling production Techniques of Forest Plants 4.Cultivation of important TBO 5.Tree crop interaction in agroforestry system 6.Community forest management 6. Silvipastural system of farming	1.Agro-forestry systems for rural development 2.Watershed management	Kishan Mela, Group discussion, Feedback collection	Planting material
Boudh	Employment generation	Mushroom	Unemployment and poverty of landless farmers ,underutilized natural resources	Assessment of performance of Rangini lac -	1.Vermicomposting 2 .Rearing of backyard poultry banaraja	1.Mushroom raising as a source of income 2. Bee keeping 3. Vermicomposting 4. Lac cultivation 5. Preparation of value added products from fruits & veg.	1.	Field day, Group discussion, Feedback collection	Mushroom Spawn Bottles , Brood lac,hand sprayer, vermin,hives with colony,Preservatives
Boudh	Capacity building and group dynamics	-	-	-	-	-	PRA Techniques Leadership development		

3. OFT (To be conducted during Kharif 2010 and Rabi 2010-11)

2.1 Basic information of the Technology taken by the KVK

KVK name	Year	Season	Category of technology (Assessment/Refinement)	Thematic area code	Title of OFT	OFT ID No* (to be create by the KVK)	Crop/Enterprise	No of trails (target)	Area in ha (target)
	2010	Kharif	Assessment	10	Assessment of HYV Banana (G-9)	KVKBOUDH 10K101	Banana	05	0.5
	2010	Kharif	Assessment	21	Assessment of control measure for fruit rot in Brinjal	KVKBOUDH 10K212	Brinjal	05	0.5
	2010	Kharif	Assessment	14	Assessment of application of lime in Arhar	KVKBOUDH 10K143	Arhar	05	0.5
	2010	Kharif	Assessment	21	Assessment of chemicals for control of sheath blight in paddy	KVKBOUDH 10K214	Paddy	05	0.5
	2010	Kharif	Assessment	15	Assessment of Turmeric cultivation under Teak plantation	KVKBOUDH 10K155	Teak & Turmeric	05	0.5
	2010	Kharif	Assessment	14	Assessment of foliar application of polyfeed (NPK 19:19:19) in Brinjal	KVKBOUDH 10K146	Brinjal	05	0.5
	2010	Kharif	Assessment	10	Assessment of HYV Rice Variety (Ranidhana)	KVKBOUDH 10K107	Rice	05	0.5
	2010	Kharif	Assessment	15	Assessment of Performance of Vegetatively propagated bamboo	KVKBOUDH 10K158	Bamboo	05	0.5
	2010	Kharif	Assessment	12	Assessment of Chemical weed control in groundnut	KVKBOUDH 10K129	Groundnut	05	0.5
	2010	Kharif	Assessment	17	Assessment of use of groundnut decorticator	KVKBOUDH 10K1710	Groundnut	05	-
	2010-11	Rabi	Assessment	17	Assessment of use of maize sheller for drudgery reduction	KVKBOUDH 1011R1711	Maize sheller	05	05 Nos
	2010-11	Rabi	Assessment	14	Assessment of foliar application of Boron in Greengram	KVKBOUDH 1011R1412	Greengram	05	0.5

	2010-11	Rabi	Assessment	13	Assessment of HYV of pointed gourd	KVKBOUDH 1011R1313	pointed gourd	05	0.5
	2010-11	Rabi	Assessment	13	Assessment of foliar application of growth regulator in Watermelon	KVKBOUDH 1011R11314	Watermelon	05	0.5
	2010-11	Rabi	Assessment	23	Assessment of performance of Rangini Lac	KVKBOUDH 1011R2315	Lac	05	0.5
	2010-11	Rabi	Assessment	21	Assessment of IDM for Leaf curl of Tomato	KVKBOUDH 1011R2116	Paddy	05	0.5
	2010-11	Rabi	Assessment	14	Assessment of performance of marigold in backyard	KVKBOUDH 1011R1417	Marigold	05	0.5
	2010-11	Rabi	Assessment	14	Assessment of Integrated Nutrient Management in Wheat	KVKBOUDH 1011R1418	Wheat	05	0.5
	2010-11	Rabi	Assessment	18	Assessment of use of potato digger	KVKBOUDH 1011R1819	Potato	05	-
	2010-11	Rabi	Assessment	17	Assessment of use of paddy parboiling unit	KVKBOUDH 1011R1720	Rice	05	-
	2010	Rabi	Assessment	18	Assessment of performance of Improved sickle	KVKBOUDH 1011R1821	Sickle	05	01 No.

* **Guideline for creation of OFT ID No is given in Annexure (in the last of this file)**

Thematic areas for crops	Thematic Area code for entry	Thematic areas for livestock/enterprises	Thematic Area code for entry
Varietal Evaluation	10	Evaluation of Breeds	51
Seed / Plant production	11	Nutrition Management	52
Weed Management	12	Disease of Management	53
Integrated Crop Management	13	Value Addition	54
Integrated Nutrient Management	14	Production and Management	55
Integrated Farming System	15	Feed and Fodder	56
Mushroom cultivation	16	Small Scale income generating enterprises	57
Drudgery reduction	17		
Farm machineries	18		
Value addition	19		
Integrated Pest Management	20		
Integrated Disease Management	21		
Resource conservation technology	22		

Small Scale income generating enterprises	23	
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2.2 Details of Problems taken as OFT by the KVK

KVK name	Problem diagnose/defined	OFT ID No	Crop	Farmers' practice	Farming situation				Total Area (in ha) where crop affected by the problem taken in the OFT	Name of the block(s) under KVK where the problem occurs
					Soil type	Irrigation	Type of Cultivation	Cropping system		
Boudh	Low yield from local cultivar	KVKBOUDH 10K101	Banana	Cultivation of desi type banana	Loam	Irrigated	Mid land	Monocropping	50	Boudh,Harbhanga
	Incidence of fruit rot in Brinjal	KVKBOUDH 10K212	Brinjal	No proper control measure	Loam	Irrigated	Up land	Rice - Vegetable	160	Boudh,Harbhanga
Boudh	Low yield due to acidic soil	KVKBOUDH 10K143	Arhar	No soil reclamation	Clay loam	Irrigated	Mid land	Pulse-Vegetable	4950	Boudh,Harbhanga
Boudh	Heavy incidence of sheath blight	KVKBOUDH 10K214	Paddy	No proper control measure	Clay loam	Irrigated	Low land	Rice	12450	Boudh,Harbhanga
Boudh	On utilized inter space in teak plantation	KVKBOUDH 10K155	Teak & Turmeric	No intercropping	Loam	Irrigated	Mid land	Fallow	62	Boudh,Harbhanga
Boudh	Difficulties in basal application after 40 days	KVKBOUDH 10K146	Brinjal	No foliar feeding	Loam	Irrigated	Up land	Rice - Vegetable	130	Boudh,Harbhanga
Boudh	Stagnation in yield in rice	KVKBOUDH 10K107	Rice	New introduction	Clay loam	Irrigated	Low land	Rice	22000	Boudh,Harbhanga
Boudh	Low rate of multiplication	KVKBOUDH 10K158	Bamboo	Planting seedlings of seed origin	Clay loam	Unirrigated	Up land	Fallow		Boudh,Harbhanga
Boudh	High cost in manual weeding	KVKBOUDH 10K129	Groundnut	Manual weeding	Sandy Loam	Irrigated	Up land	Pulse	240	Boudh,Harbhanga
Boudh	Manual shelling of groundnut	KVKBOUDH 10K1710	Groundnut	Manual shelling of groundnut	Sandy loam	Irrigated	Up land	Pulse	240	Boudh,Harbhanga
Boudh	Drudgery to farm women in maize shelling	KVKBOUDH 1011R1711	Maize sheller	Manual shelling of grains	Clay loam	Irrigated	Up land	Maize	1060	Boudh,Harbhanga
Boudh	Sterility & poor grain filling	KVKBOUDH 1011R1412	Greengram	No use of boron	Clay loam	Irrigated	Up land	Rice - Vegetable	2300	Boudh,Harbhanga
Boudh	Low yield	KVKBOUDH 1011R1313	Pointed gourd	Local variety	Loam	Irrigated	Mid land	Rice - Vegetable		Boudh,Harbhanga

Boudh	Low yield due to less no of female flower	KVKBOUDH 1011R11314	watermelon	No use of growth regulator	Loam	Irrigated	Mid land	Rice - Vegetable		Boudh,Harbhanga
Boudh	Underutilization of natural Resources	KVKBOUDH 1011R2315	Lac	Unscientific collection from forest	Clay loam	Unirrigated	Wasteland	Fallow	12600.	Boudh,Harbhanga
Boudh	Incidence of leaf curl in Tomato	KVKBOUDH 1011R2116	Tomato	Indiscriminate use of pesticide	loam	Irrigated	Mid Land	Rice-Vegetable	42	Boudh, Harbhanga
Boudh	Low income from seasonal vegetables	KVKBOUDH 1011R1417	Marigold	Seasonal veg. Cultivation	Clay loam	Irrigated	Homsted	Vegetable	1020	Boudh,Harbhanga
Boudh	Low yield	KVKBOUDH 1011R1418	Wheat	Improper nutrition	Clay loam	Irrigated	Mid land	Paddy-wheat-veg.	300	Boudh,Harbhanga
Boudh	Damage of potato during harvesting	KVKBOUDH 1011R1819	Potato	Harvesting of potato with spade	Sandy loam	Irrigated	Up land	Pulse - potato	540	Boudh,Harbhanga
Boudh	More labour, time and fuel consumption	KVKBOUDH 1011R1720	Rice	Traditional method parboiling	-	-	-	-	-	Boudh,Harbhanga
Boudh	Low field efficiency	KVKBOUDH 1011R1821	Paddy	Traditional sickle	Clay loam	Irrigated	Low land	Paddy	12260	Boudh,Harbhanga

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

KVK Name	OFT ID No	Details of technology selected	Source of technology	If refinement in the technology, give details of refinement over recommended practices
Boudh	KVKBOUDH 10K101	High bunch weight, long stout finger good keeping quality		
	KVKBOUDH 10K212	Seed treatment with vitavax@1gm/kg + Spraying of Thiophenate Methyl @ 1.5gm/lit	OUAT	
Boudh	KVKBOUDH 10K143	Application of lime @ 500kg/ha. as working dose to be applied before planting	Deptt. of Soil Science, OUAT, BBSR, 2007	
Boudh	KVKBOUDH 10K214	Seed treatment with Vitavax power @2gm/kg + application of validamycin @3 ml/l	OUAT, BBSR	
Boudh	KVKBOUDH 10K155	Cultivation of turmeric in between rows of teak plants	NRCAF, Jhansi	
Boudh	KVKBOUDH 10K146	Foliar feeding of Polyfeed @ 5gm/lit. for 3 times at 60, 75 and 90 days of planting	Foliar feeding of Polyfeed @ 5gm/lit. for 3 times at 60, 75 and 90 days of planting	
Boudh	KVKBOUDH 10K107	140 days ,moderately resistant to disease pest,yield 45 Qnt/ha	OUAT,Bhubaneswar	
Boudh	KVKBOUDH 10K158	Plantation of Vegetatively Propagated Bamboo	OUAT,Bhubaneswar	
Boudh	KVKBOUDH 10K129	Application of Oxyflurofen @ 500g. a I /ha.	OUAT,Bhubaneswar	
Boudh	KVKBOUDH 10K1710	High shelling efficiency (93-98%), less damage to kernel (2.3-2.6%), capacity (35-40 kg/h)	CIAE,Bhopal.	
Boudh	KVKBOUDH 1011R1711	Labour saving, high field efficiency	CIAE,Bhopal.	
Boudh	KVKBOUDH 1011R1412	Foliar application of sodium tetraborate @ 1gm/ltr. of water at 35 and 45 days of sowing	OUAT, BBSR	
Boudh	KVKBOUDH 1011R1313	Swarna Alaukik , 5 – 8 cm long ,light green with blunt end ,Yield = 230 – 280 Qt / Ha	CHES, Ranchi	
Boudh	KVKBOUDH 1011R11314	Foliar application of Ethrel @ 200 ppm twice at 2 and 4 true leaves stage		
Boudh	KVKBOUDH 1011R2315	Brood infestation in Palas Tree	NRCNGR Ranchi	
Boudh	KVKBOUDH 1011R2116	Application of Cartapa hydrochloride 4-G@ 20 kg/ha. , Release of egg parasite <i>T.Joponicum</i> @50000/ha.	OUAT, BBSR 2004	
Boudh	KVKBOUDH 1011R1417	Cultivation of marigold variety Calcutta red in backyard space	BCKV Calcutta	
Boudh	KVKBOUDH	Application of FYM 10 Tonnes /ha ,commended dose of fertilizer & micronutrient	OUAT, BBSR	

	1011R1418		
Boudh	KVKBOUDH 1011R1819	Labour saving, less damage to potato	OUAT, BBSR
Boudh	KVKBOUDH 1011R1720	75kg per batch, less time consumption (6 hours)	NRCWA, BBSR
Boudh	KVKBOUDH 1011R1821	Labour saving ,drudgery reduction	CIAE, Bhopal

2.4 Performance of the technology to be assesses/refined

KVK Name	OFT ID No	Parameter name	Unit of measurement for parameter
Boudh	KVKBOUDH 10K101	No of fingers per bunch, Bunch weight	No, q/ha
Boudh	KVKBOUDH 10K212	% of infected fruit/ plant, Yield, BC ratio	No, q/ha
Boudh	KVKBOUDH 10K143	No of pod /plant, Yield	No, q/ha
Boudh	KVKBOUDH 10K214	% of infected plant /sq.m ,Yield, BC ratio	No, q/ha
Boudh	KVKBOUDH 10K155	Additional return, BC ratio	q/ha
Boudh	KVKBOUDH 10K146	No of fruit/ plant, Yield, BC ratio	No, q/ha
Boudh	KVKBOUDH 10K107	No of tillers/plant, No of grains/Panicle, yield, BC ratio	No, q/ha
Boudh	KVKBOUDH 10K158	No of culm/clump , Height & dia. of Culm	No. , cm
Boudh	KVKBOUDH 10K129	No of weeds / sq. m., Yield BC ratio	No. , q/ha.
Boudh	KVKBOUDH 10K1710	Shelling efficiency, Shelling capacity	Percentage, kg/h
Boudh	KVKBOUDH 1011R1711	Field capacity, BC ratio	kg/hr
Boudh	KVKBOUDH 1011R1412	No of pod /plant, Yield	No, q/ha
Boudh	KVKBOUDH 1011R1313	Length of fruit , Yield, BC ratio	cm ,q/ha
Boudh	KVKBOUDH 1011R11314	No. of female flower plant, No of fruits/ plant , Yield, BC ratio	No, q/ha
Boudh	KVKBOUDH 1011R2315	% of Infestation, Yield, BC Ratio	No, q/ha

Boudh	KVKBOUDH 1011R2116	% of dead heart & white ear head, Yield, BC ratio	No, q/ha
Boudh	KVKBOUDH 1011R1417	Yield BC ratio	q/ha
Boudh	KVKBOUDH 1011R1418	No of tillers/ plant, Grains/ panicle, Yield BC ratio	No, q/ha
Boudh	KVKBOUDH 1011R1819	Digging Capacity	ha/day
Boudh	KVKBOUDH 1011R1720	Parboiling capacity	kg/batch
Boudh	KVKBOUDH 1011R1821	Field efficiency, BC ratio	ha/day

3. Frontline Demonstrations (to be conducted during Rabi 2009-10; Kharif 2010 and Rabi 2010-11)

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

List of technologies to be demonstrated during previous year and popularized during 2009-11 and recommended for large scale adoption in the district

KVK Name	Crop/ Enterprise	Year and season for conducted FLD	Thematic Area Code	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
						Name of villages	No. of farmers	Area in ha
Boudh	B.Gram intercropping with Arhar	Kharif	13	B.Gram intercropping with Arhar	Kissanmela, Field day, Meeting, Extension bulletin	Pollam, Menda, Amthapad, Lambakani	15	50
Boudh	Paddy	Kharif	10	Varietal replacement of paddy RGL-2537	Kissanmela, Field day, Meeting, Extension bulletin	Pollam, Menda, Amthapad, Lambakani	16	12
Boudh	Paddy	Kharif	14	Application Bio-Fertilizer Azospirillum & PSB @ 5kg/ha.	Kissanmela, Field day, Meeting, Extension bulletin	Pollam, Menda, Amthapad, Lambakani	30	25
Boudh	Paddy	Kharif	10	Cultivation of scented rice Ketaki joha	Kissanmela, Field day, Meeting, Extension bulletin	Pollam, Menda, Amthapad, Lambakani	26	5
Boudh	Paddy	Kharif	14	Application of Zinc Sulphate @ 10kg/ha.	Kissanmela, Field day, Meeting, Extension bulletin	Pollam, Menda, Amthapad, Lambakani	24	100
Boudh	Paddy	Kharif	12	Application of Weedsides Butachlor @ 1.0 a.i./ha.	Kissanmela, Field day, Meeting, Extension bulletin	Pollam, Menda, Amthapad, Lambakani	20	10
Boudh	Sunflower	Rabi	10	Cultivation of hybrid sunflower	Kissanmela, Field day, Meeting, Extension bulletin	Pollam, Menda, Amthapad, Lambakani	14	6
Boudh	Mango	Kharif	10	Introduction of new variety of mango Dasherri	Kissanmela, Field day, Meeting, Extension Bulletin	Pollam, Menda, Amthapad, Lambakani	20	8
Boudh	Banana	Kharif	10	Introduction of high yielding var.	Kissanmela, Field day, Meeting, Extension bulletin	Pollam, Menda, Amthapad, Lambakani	28	18

Boudh	Papaya	Kharif	10	Varietal replacement(Honey dew)	Kissanmela, Field day,Meeting,Extension bulletin	Pollam ,Menda,Amthapad, Lambakani	20	6
Boudh	Pumpkin	Rabi	14	INM in pumpkinGuamal	Kissanmela, Field day,Meeting,Extension bulletin	Pollam ,Menda,Amthapad, Lambakani	25	10
Boudh	Onion	Rabi	21	IDM (Control of purple blotch)	Kissanmela, Field day,Meeting,Extension bulletin	Pollam ,Menda,Amthapad, Lambakani	52	35
Boudh	Teak	Kharif	15	Farm forestry (Bund Plantation)	Kissanmela, Field day,Meeting,Extension bulletin	Pollam ,Menda,Amthapad, Lambakani	40	32
Boudh	Sissoo	Kharif	15	Farm Forestry bund plantation	Kissanmela, Field day,Meeting,Extension bulletin	Pollam ,Menda,Amthapad, Lambakani	35	27

3.2 Details of FLDs to be implemented during Rabi 2009-10; Kharif 2010 and; Rabi 2010-11 (Information is to be furnished in the following two tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

KVK Name	Crop	Season	Year	Thematic area code	Name of the technology to be demonstrate	Detail description of the technology	Area (ha) to be proposed	No. of farmers/ Demonstration to be targeted			
								SC	ST	Others	Total
Boudh	Pumpkin	Kharif	2010	20	Use of poison bait to control fruit fly in pumpkin	Keeping of poison bait and Malathion 1ml./ltr. with Jaggery 10 gm./lit.	1ha	1	2	2	5
Boudh	Mango	Kharif	2010	10	Cultivation of grafted mango plants	Application of 75gm chloropyriphos/pit, recommended dose of fertilizer	1ha	1	1	3	5
Boudh	Paddy	Kharif	2010	10	Cultivation of HYV of rice "Manaswini"	Duration 120 days having multiple resistance and higher yield	1ha.	1	1	3	5
Boudh	Cow pea	Kharif	2010	13	Intercropping cow pea with maize	Intercropping cow pea with maize in 2:2	1ha.	2	2	1	5
Boudh	Napier	Kharif	2010	15	Cultivation of hybrid Napier in Slivipastural system	Cultivation of hybrid Napier in Slivipastural system	1ha.	2	1	2	5
Boudh	Paddy	Kharif	2010	14	Application of ZnSO ₄ in paddy	Application of ZnSO ₄ @ 10kg/ha	1ha	2	1	2	5
Boudh	Teak	Kharif	2010	15	Teak based farm forestry	Shelter belt plantation around orchard	1ha	2	1	2	5
Boudh	Nutritional Garden	Kharif	2010	23	Nutritional Gardening	Planting of fruit plants guava, pomegranate, lemon alongwith vegetables in backyard for constant family requirement	0.5ha	1	1	3	5
Boudh	Maize	Kharif	2010	12	Chemical weed control in Maize	Use of Atrazine 2 kg./ha. as pre-emergence	1ha	2	1	2	5
Boudh	Sisoo	Kharif	2010	15	Sisoo based Agroforestry	Bond plantation of Sisoo at 3mtr spacing	1ha	1	1	3	5
Boudh	Bamboo	Kharif	2010-11	15	Bamboo based Agroforestry	Bond plantation of Bamboo at 6mtr.spacing	1ha	1	1	3	5

Boudh	Paddy	Kharif	2010	13	SRI method of paddy cultivation	Transplanting of 10 days old seedling at 25x25 cm spacing	1ha	2	1	2	5
Boudh	Paddy	Kharif	2010	21	Chemical control of blast in paddy	Seed treatment with Vitavax power @ 2 gm/kg seeds and foliar spray of Tricyclazole @ 300 gm/ha	1 ha	1	2	2	5
Boudh	Sunflower	Rabi	2010-11	14	Application of Boron in sunflower	Application of borax @ 10kg/ha increases grain filling, Oil content and yield	1ha.	1	1	3	5
Boudh	Paddy	Rabi	2010-11	14	Application of Bio-fertilizer	Application of Azospirillum & PSB @5 Kg/Ha, along with RDF	1ha.	1	1	3	5
Boudh	Brinjal	Rabi	2010-11	20	Management of fruit and shoot borer in Brinjal	Soil application of neem cake @ 250kg/ha and alternate spray of Triazophos and neem based pesticides.	1 ha	1	1	3	5
Boudh	Potato	Rabi	2010-11	14	INM in Potato	Seed treatment with Mancozeb +Plantomycin +RD of fertilizer+ZnSo4-25 Kg/ha.	1 ha	1	2	2	5
Boudh	Paddy	Rabi	2010-11	20	Management of stem borer in summer paddy	Application of Cartap hydrochloride @ 20 kg/ha and release of egg parasite Trichogramma japonicum	2 ha	2	1	2	5
Boudh	Onion	Rabi	2010-2011	13	Cultivation of HYV onion with full package of practices	Cultivation of HYV of onions Agrifound light red (bulbs globular, 4 to 6 cm dia., mature in 160 to 165 days, average yield 300-325 q/ha	0.4 ha	1	2	2	5
Boudh	Okra	Rabi	2010-11	13	Cultivation of YMV resistant variety of Okra with full package of practices	Use of Okra Arka Anamika (100 cm plant height, slightly pigmented stem, petiole and leaf, dark green fruit, 1 st flowering in 50 days (sixth node), average yield 125 qt/ha	1 ha	2	1	2	5

Extension and Training activities under FLD

KVK Name	Crop*	Season	Year	Activity	No. of activities to be organized					
					Pre-sowing	Post-sowing	Mid season	Before harvest	After harvest	Total
Boudh	Arhar	Kharif	2010	Field days	-	-	-	01	-	01
Boudh				Farmers Training	-	01	-	-	-	01
Boudh				Media coverage	-	-	-	-	-	-
Boudh				Training for extension functionaries	-	-	-	-	-	-
Boudh	Paddy	Kharif	2010	Field days	-	-	-	-	01	01
Boudh				Farmers Training	-	01	-	-	-	01
Boudh				Media coverage	-	-	-	-	1	1
Boudh				Training for extension functionaries	-	-	-	-	-	-
Boudh	Maize	Kharif	2010	Field days	-	-	-	-	01	01
Boudh				Farmers Training	-	01	-	-	-	01
Boudh				Media coverage	-	-	-	-	-	-
Boudh				Training for extension functionaries	-	-	-	-	-	-
Boudh	Pointed gourd	Rabi	2010-11	Field days						
Boudh				Farmers Training			1			1
Boudh				Media coverage						
Boudh				Training for extension functionaries						
Boudh	Nutritional gardening	Kharif	2010	Field days						
Boudh				Farmers Training	1					1
Boudh				Media coverage						
Boudh				Training for extension functionaries						
Boudh	Sunflower	Rabi	2010-11	Field days						
Boudh				Farmers Training	1					1
Boudh				Media coverage					1	1
Boudh				Training for extension functionaries						
Boudh	Mango	Kharif	2010	Field days						
Boudh				Farmers Training	1					1
Boudh				Media coverage						
Boudh				Training for extension functionaries						
Boudh	Potato	Rabi	2010-11	Field days						
Boudh				Farmers Training	1					1
Boudh				Media coverage						

Boudh				Training for extension functionaries						
Boudh	Forest crops	Kharif	2010	Field days						
Boudh				Farmers Training	1	1	1	1	1	5
Boudh				Media coverage						
Boudh				Training for extension functionaries						
Boudh	Hybrid Napier	Kharif	2010	Field days						
Boudh				Farmers Training	1					1
Boudh				Media coverage						
Boudh				Training for extension functionaries						
Boudh	Mushroom	Kharif	2010	Field days						
Boudh				Farmers Training	1					1
Boudh				Media coverage						
Boudh				Training for extension functionaries						
Boudh	KB Pump	Kharif	2010	Field days	1					1
Boudh				Farmers Training			1			1
Boudh				Media coverage						
Boudh				Training for extension functionaries						
Boudh	Groundnut Decorticator	Rabi	2010-11	Field days	1					1
Boudh				Farmers Training						
Boudh				Media coverage						
Boudh				Training for extension functionaries						
Boudh	Paddy winnower	Rabi	2010-11	Field days					1	1
Boudh				Farmers Training						
Boudh				Media coverage						
Boudh				Training for extension functionaries						

*Activity (Column No 3) must be repeated for each crop

3.3 Details of FLD on Enterprises

(i) Farm Implements

KVK Name	Name of the implement	Crop	No. of farmers				Area (ha)	Name of Performance parameters/ indicators with unit of measurement (Performance indicator along with measurement unit should be separated by comma only and second performance indicator should be separated by semi-colon only)
			SC	ST	Others	Total		
Boudh	Pedal operated Groundnut thresher	Groundnut	01	01	03	5	Threshing efficiency (kg/hr) BC ratio	
Boudh	KB pump	Vegetable	02	01	02	5	Field efficiency	
Boudh	Hand operated winnower	Rice	01	02	02	5	Field efficiency (kg/hr)	
Boudh	Clipping knife of Okra	Okra	02	03	05	10	Field efficiency	

(ii) Livestock Enterprises

KVK Name	Name of Enterprise	Breed	No. of farmers	No. of animals, poultry birds etc.	Name of Performance parameters/ indicators with unit of measurement (Performance indicator along with measurement unit should be separated by comma only and second performance indicator should be separated by semi-colon only)
Boudh	Poultry	Banaraja	05	50	Body wt., Kg/bird

(iii) Other Enterprises

KVK Name	Enterprise	Variety/ breed/ Species/others	No. of farmers to be targeted				Type of Units for demonstration (give details)	No. of Units to be Targeted	Name of Performance parameters/ indicators with unit of measurement (Performance indicator along with measurement unit should be separated by comma only and second performance indicator should be separated by semi-colon only)
			SC	ST	Others	Total			
Boudh	Mushroom	Paddy straw	2	2	6	10	Small scale	10	Production per bed BC ratio
Boudh	Mushroom	Oyster	2	4	4	10	Small scale	10	Production per bed BC ratio
Boudh	Vermi compost	<i>E. foetida</i>	01	01	03	05	Small scale	05	Production/Unit BC ratio

ANNEXURE

GENERATION OF OFT IDENTIFICATION NUMBER (ID No)

Year				Season	SI no (as per decision by Programme Coordinator)	
0	9	1	0	1	0	1
1	0	1	1	2	1	0

Important

1. **YELLOW COLORED COLOUMN** – Four digits for financial year. i.e. for financial year 2009-10 use **0910** for yellow colored column
2. **GREEN COLORED COLOUMN** - for season of conducting OFT (use 1 for Kharif; 2 for Rabi and; 3 for Summer)
3. **ORANGE COLORED COLOUMN** – Serial number for OFT (you can take any serial number from 01 to 99, for 1 to 9 use 01 to 09 in place of 1 to 9) and all the OFT Planned by your KVK must have different serial number.
4. As per above specimen table, the ID No of OFT is –**0910101, 1011210**
5. Use your KVK code as per the table mentioned above
6. **Generate the ID Nos of all the OFT you have planned/conducted during Reporting Period and Use the same in the FORMAT 1.**