# Krishi Vigyan Kendra, Roha-Raigad Frontline Demonstrations - 2022

A. Details of FLDs to be organized –(Oilseeeds, pulses, cereals, cotton, commercial crops, horticulture crops, vegetables, spices and condiments, fodder crops, etc)

	Crop							No. of	Name of	
SI. No.	•	Variety	Thematic area	Technology for demonstration	Critical inputs with cost (Rs.)	Season and year	Area (ha)	farmer s/ demo n.	the village	Parameters identified
1	Rice	Sahyadri-4	To introduce newly developed rice hybrid alongwith package of practices	Whole package	45000/-	Kharif 2022	4	10	Sudhagad Mahad Mangaon Roha	1.Incidence of pest and diseases 2. Grain yield (q/ha) 3. Straw yiel (q/ha)
2	Rice	Karjat - 3	To introduce the variety of rice alongwith package of practices	Whole package	75000/-	Kharif 2022	7.5	20	Sudhagad Mahad Mangaon Roha	}
3	Rice	Ratnagiri-7	To introduce the variety of rice alongwith package of practices	Whole package	50000/-	Kharif 2022	5	13	Sudhagad Mahad Mangaon Roha	1.Incidence of pest and diseases 2. Grain yield (q/ha) 3. Straw yiel (q/ha)
4	Nagli	Konkan Safed - 1 (Dapoli -1)	To introduce improved variety of Nagli	Whole package	25000/-	Kharif 2022	5	15	Sudhagad Mahad Mangaon Roha	1.Incidence of pest and diseases 2. Grain yield (q/ha) 3. Straw yiel (q/ha)
5	Rice	Karjat - 9	To introduce the variety of rice alongwith package of practices	Whole package	50000/-	Rabi- summer 2022-23	4	10	Sudhagad Mahad Mangaon Roha	1.Incidence of pest and diseases 2. Grain yield (q/ha) 3. Straw yiel (q/ha)
6	Wal	Konkan Wal No.2	To introduce the variety of rice alongwith package of practices	Whole package	30000/-	Rabi 2022-23	4	10	Sudhagad Mahad Mangaon Roha	1.Grain yield (q/ha) 3. Straw yiel (q/ha)
7	Cowpea	Konkan Sadabhar	To introduce the variety of rice alongwith package of practices	Component	5000/-	Rabi 2022-23	1	10	Sudhagad Mahad Mangaon Roha	1.Grain yield (q/ha) 2. Straw yiel (q/ha)

					Total		38.60	169		
1/	I-19[]	паріа	Monosex Tilapia	Whole package		August	U.4U		Pen, Roha	Production B:C ratio
16 17	Resourc e Conserv ation	- Tilapia	Soil & Water Conservation To introduce	Konkan Vijay Bandhara	Plastic lining 8,000/-	Rabi 2022 August	0.40	2	Roha, Mangaon	Volume of water made available, Duration of water storage Growth
15	Waterme lon	Ayesha, Sugar queen	Irrigation Engg.	Plastic mulching for watermelon	Mulching paper 30,000/-	Rabi 2022-23	1	5	Mangaon	Irrigation interval, Irrigation frequency, B:C ratio
14	Okra	Konkan Bhendi	Varietal evaluation	Varietal demonstration	10000/-	Rabi 2022-23	1.0	10	Tala Roha, Mangaon, Murud, Alibag	Days required for harvesting     Yield of pods (qt/ha)     Net returns
13	Yard long bean	Konkan Wali	Varietal evaluation	Varietal demonstration	2000/-	Rabi 2022-23	0.10	10	Tala Roha, Mangaon, Murud, Alibag	<ol> <li>Days required for harvesting</li> <li>Yield of pods (qt/ha)</li> <li>Net returns</li> </ol>
	∋reaker ′am	Kamal Sundari	Varietal evaluation	Varietal demonstration	5000/-	Kharif 2022	0.10	10	Tala Roha, Mangaon, Murud, Alibag	Days required for harvesting     Yield (qt/ha)     Net returns
11	Cow pea and other pulses	Konkan Sadabahar and Local	Disease management	Seed treatment with Trichoderma& Carbendazim	2500/-	Rabi 2022-23	1	10	Mangaon Roha Mahad Alibag	1.Parcent disease incidence 2. Grain yield (q/ha)
10	Rice	Karjat-3	Pest Management	Insecticide	4000/-	Kharif 2021	1	10	Sudhagad Mahad Mangaon Roha	Incidence of pest yeid/ha
9	Okra	KB/Hybrid	Varietal evaluation	Varietal demonstration	10000/-	Kharif 2021	1	10	Tala Roha, Mangaon, Murud, Alibag	<ol> <li>Days required for harvesting</li> <li>Yield of pods (qt/ha)</li> <li>Net returns</li> </ol>
8	Cowpea	Konkan Safed	To introduce the variety of rice alongwith package of practices		5000/-	Rabi 2022-23	1	10	Sudhagad Mahad Mangaon Roha	1.Grain yield (q/ha) 2. Straw yield (q/ha)

#### Annexure - I Training Programme

## i) Farmers & Farm women (On Campus)

Date	Clientele	Title of the training programme	Duration in days		umber ( rticipar			mber o SC/ST	f	G. Total
				M	F	Т	М	F	Т	
Crop Production										
April. 22	PF	Preparation of Mat nursery	1	15	5	20	-	-	-	20
July. 22	PF	Raising of seed bed nursery for rice	1	15	5	20	-	-	-	20
July. 22	PF	Methods of transplanting of rice.	1	15	5	20	-	-	-	20
Aug. 22	PF	`Importance of intercultural operation in Kharif oilseed crop	1	15	5	20	-	-	-	20
Sept. 22	PF	Seed production Technology for hybrid rice	1	15	5	20	-	-	-	20
Oct. 22	PF	Doubling farmers income	2	15	5	20	-	-	-	20
Nov. 22	PF	Hybrid Rice technology	1	15	5	20	-	-	-	20
Horticulture										
July,22	PF	Nursery management of fruit crops.	2	20	-	20	-	-	-	20
Sept.,22	PF	Nursery management for rabi vegetables	2	40	-	40	-	-	-	40
Livestock prod.										
	PF/FW									
Agril. Engg.										
Jul.22	PF	Mechanization in transplanting of paddy	2	10	8	18	2	-	2	20
Oct.22	PF	Modern methods of paddy threshing	1	8	6	14	2	4	6	20
	PF									
Fisheries										
Mar.22	PF	Alternative aquaculture Techniques in the context of present aquaculture scenario	2	40	-	40	-	-	-	20
Agril.Extn.										
July.22	PF	Leadership development for integrating livehood activities in village	2	20	10	30	5	5	10	40
Sept. 22	PF	Development of entrepreneurial ability with respect to allied agril. enterprises	2	40	-	40	-	-	-	20
Plan prot.										
Oct. 22	PF	Care and handling of pesticide and equipment's	1	20	-	20	-	-	-	20
Dec 22	PF	Care and handling of pesticide and equipment's	1	20	-	20	-	-	-	20
Soil Health		KVK								
		Total	23	323	59	382	9	9	18	360

#### i) Farmers & Farm women (Off Campus)

Date	Clientele	Title of the training programme	Duratio n in	pa	No. of		Nι	G. Total		
			days	M	F	Т	M	F	Т	
Crop Production										
Aprl. 22	PF	Importance of cultivation practices	1	15	5	20	-	-	-	20
May. 22	PF	Importance of manures and fertilizers	1	15	5	20	-	-	-	20
May 22	PF	Importance of seed treatment	1	10	10	20	-	-	-	20
July 22	PF	Use of green manuring in rice	1	10	10	20	-	-	-	20
Aug. 22	PF	Methods of weed control	1	10	10	20	-	-	-	20
Oct. 22	PF	Advance technique of threshing and storage of food grain crops	1	10	10	20	-	-	-	20
Oct. 22	PF	Importance of Seed Treatments for Rabi Crops	1	10	10	20	-	-	-	20
Nov.22	PF	Integrated farming system approach	2	20	20	40	-	-	-	40
Dec.22	PF	Rice based cropping system a need of today	2	20	20	40	-	-	-	40
Dec 22	PF	Integrated nutrient management in rice based crop sequence	2	20	20	40	-	-	-	40
Horticulture										
May, 22	PF	Cultivation technology of tuber crops (yam)	1	20	-	20	-	-	-	20
June, 22	PF	Application of PBZ for regular bearing in Alphonso Mango	1	20	-	20	-	-	-	20
Aug., 22	PF	Cropping systems in Coconut	1	15	5	20	-	-	-	20
Sept., 22	PF	Rejuvenation of old mango orchard	1	15	5	20	-	-	-	20
Oct., 22	PF	Cultivation of high value vegetable crops.	2	15	5	20	-	-	-	20
Oct., 22	PF	Cultivation Technology of high value plantation and spices crops.	2	15	5	20	-	-	-	20
Dec., 22	PF	Processing of vegetables tomato ketchup & carrot preserve.	2	-	20	20	-	-	-	20
Dec., 22	PF	Management of Mango blossom for controlling fruit drop	1	15	5	20	-	-	-	20
Live Stock							•	•	İ	
Production.	PF									
	PF									
Agril. Engg.					•					•
April.22	PF	Tillage implements for hill agriculture	1	10	5	15	5	-	5	20
May 22	PF	Appliances for utilization of solar energy	2	5	10	15	-	5	5	20
May 22	PF	Processing of minor fruits	2	5	10	15	-	5	5	20
June 22	PF	Measures to prevent soil erosion	1	8	8	16	2	2	4	20
Aug.22	PF	Use of conoweeder for interculture operation in paddy	1	6	6	12	4	4	8	20

Sept.22		T				40			_	00
	PF	Temporary water harvesting structures	1	6	6	12	4	4	8	20
Sept.22	PF	Structures for water conservation and gully control	1	6	6	12	4	4	8	20
Nov.22	PF	Water management of Rabi crops	1	6	6	12	4	4	8	20
Dec. 22	PF	Agricultural waste and biomass utilization	1	4	6	10	2	8	10	20
Agril. Extn.										
Jun. 22	Pw	Empowerment of rural women through agril. & allied farm enterprises an small scale	1	-	20	20	-	20	20	40
Aug. 22	PF	Formation& management of farmers club for integrating the income generation activities	1	20	10	30	5	5	10	40
Dec. 22	Pw	Formation and management of self-help groups (SHGs) for integrating off farm income generation activities	1	-	20	20	-	20	20	40
Dec. 22	PF	Improved strategies for co operatives to compete in marketing	1	20	-	20	-	-	-	20
Dec. 22	PF/FW	IFS strategies for Doubling the Farmers Income (DFI)	2	20	10	30	5	5	10	40
Plant Protection										
Jan.22	PF	Oyster mushroom cultivation	1	20	-	20	-	-	-	20
April.22	PF	Integrated pest and disease management in Coconut and Arecanut	1	20	-	20	-	-	-	20
July.22	PF	Integrated pest and disease management in Cucurbitaceous crops	1	20	-	20	-	-	-	20
Aug. 22	PF	Identification of pests disease of rice and beneficial insect by preparation of charts etc.	1	20	-	20	-	-	-	20
Sep.22		Use of biofertilizers in pulses	1	20	-	20	-	-	-	20
Nov.22		Integrated pest and disease management in Mango and Cashew	1	20	-	20	-	-	-	20
Nov.22		Oyster mushroom cultivation	2	20	-	20	-	-	-	20
Dec. 22		Honeybee Keeping	1	20	-	20	-	-	-	20
Fisheries										
Feb.22	PF	Pre-stocking management of Fish Farm/ponds	1	20	-	20	-	-	-	20
Mar.22	PF	Modern Technology in fish culture- Biofloc technology	1	20	-	20	-	-	-	20
April.22	PF	Modern Technology in fish culture	1	20	-	20	-	-	-	20
May.22	PF	Species specific feed preparation -live feed and Artificial feed	1	20	-	20	-	-	-	20
June.22	PF	Carp fry and fingerling Production and stunted yearlings' production	1	20	-	20	-	-	-	20
July. 22	PF	Paddy-cum fish farming	1	20	-	20	-	-	-	20

Aug.22	PF	Feed and water quality management	1	20	-	20	-	-	-	20
Sep. 22	PF	Mud crab farming	3	20	-	20	-	-	-	20
Oct.22	PF	Ornamental fish rearing and breeding	1	20	-	20	-	-	-	20
		Total	61	711	288	999	35	86	121	1120

ii) Vocational training programmes for Rural Youth

Crop /	Identified Thrust Area	Training title*	Month D	Duration		No. o ticipa		nari		G.Total	
Enterprise Fisheries Rice	identified Tiffust Area	rraining due	MOHILI	(days)	М	F	Т	M	ticipaı F	T	
Fisheries	Shrimp farming	Litopenaeus Vannameishrimp farming	Jan.22	3	20	-	20	-	-	-	20
Rice	Rice Technology	Hybrid technology	April. 22	3	20	-	20	-	-	-	20
	Post-harvest technology and value addition	Processing of fruits (mango, cashew, karonda and Jackfruit).	May, 22	3	5	15	20	-	-	-	20
Rice	Mechanization	Mechanization in rice farming	Jun. 22	4	20	-	20	-	-	-	20
	Entrepreneur Development	Goat farming allied agril. Enterprise for self- empowerment	Jun. 22	3	20	-	20	-	-	-	20
	Vermicompost	Vermicompost of preparation	Jun.22	3	20	-	20	-	-	-	20
	Nursery management of horticulture crops.	Nursery management of fruit crops.	July, 22	2	20	-	20	-	-	-	20
	Aberrant Wealth	Contingent crop planning	Aug. 22	3	20	-	20	-	-	-	20
	Crop production and management	Commercial production of vegetables.	Sept,2 2	3	20	-	20	-	-	-	20
	Entrepreneur Development	Poultry farming allied agril. Enterprise for self- empowerment	Sep. 22	3	20	-	20	-	-	-	20
	Small scale processing	Value addition of millets	Oct 22	3	20	-	20	-	-	-	20
	Mushroom cultivation	Mushroom cultivation and preparation of different recipes	Oct. 22	3	20	-	20	-	-	-	20
	Mushroom cultivation	Oyster Mushroom cultivation and preparation of different recipes	Oct.22	3	20	-	20	-	-	-	20
	Production and management technology	Hi-Tech cultivation of cut flowers.	Nov.22	1	20	-	20	-	-	-	20
	Rice Technology	Hybrid Rice technology	Nov. 22	3	20	-	20	-	-	-	20
Fisheries	Rearing breeding	Ornamental fish rearing and breeding	Nov.22	3	20	-	20	-	-	-	20
	Entrepreneur Development	Dairy farming allied agril. Enterprise for self- empowerment	Dec. 22	3	20	-	20	-	-	-	20
Fisheries	Value addition	Value added fish products	Dec.22	3	20	-	20	-	-	-	20
				49	325	15	340	0	0	0	340

## i) Training programme for extension functionaries

Date	Clientele	Clientele Title of the training programme			No. o ticipa	-		r of T	G. Total	
			days	M	F	Т	M	F	Т	
On Campus										
Feb.,22	Representatives of NGOs	Watershed development and management	4	6	6	12	4	4	8	20
Jun.22	Departmental Staff	Improved Hybrid Rice Technology	3	20	-	20	-	-	-	20
Oct.,22	Productivity enhancement in commercial crops	Commercial cultivation of rabi vegetables.	3	15	5	20	-	-	-	20
Nov.22	Departmental Staff	Use of Plastic mulch in Groundnut	3	20	-	20	-	-	-	20
Nov. 22	Agril. Assis. / Supervisors	Exploring the dynamics and Farmers group through group approach	3	20	-	20	-	-	-	20
Dec.,22	Monitory returns from vegetables	Shadenet cultivation of horticulture crops.	3	15	5	20	-	-	-	20
Dec.,22	IPM, IDM	Integrated pest and disease management of major horticultural crops	3	20	-	20	-	-	-	20
		Total	22	116	16	132	4	4	8	140

### ii) Sponsoredprogrammes

Discipline	Sponsori ng	Clientele	Title of the training programme	No. of courses	N part	lo. o icina	-	1	r of T	G. Total	
	agency &		programme		М	F	T	М	F	T	. Otal
a) Spo	onsored tra	ining programm	е	-	<u>.</u>	<u>.</u>					<b>L</b>
Agronomy	ATMA	Rural Youth	Improved Rice technology	1	25	10	35	15	10	25	60
Agronomy	ATMA	Farmers, Farm womens	Improved Groundnut Technology	1	25	10	35	15	10	25	60
Agronomy	NGO	Farmer	Improved Rice technology	1	25	10	35	15	10	25	60
Agronomy	NGO	Farmers, Farm womens	Improved Groundnut technology	1	25	10	35	15	10	25	60
Agronomy	Rameti	Farmer	Improved Rice technology	1	25	10	35	15	10	25	60
Horticulture	ATMA	Farmers, Farm womens	Improved Vegetable cultivation Technology	1	25	10	35	15	10	25	60
Horticulture	ATMA	Farmers, Farm womens	Improved Mango production Technology	1	25	10	35	15	10	25	60
Fisheries	ATMA	Farmers, Farm womens	Fish Farming	1	25	10	35	15	10	25	60
Fisheries	NGO	Farmers, Farm womens	Fish Farming	1	25	10	35	15	10	25	60
			Total	9	225	90	315	135	90	225	540
b) Spons	ored resea	rch programme		<u> </u>	<u> </u>	<u>i</u>	.i	ll		<u> </u>	<u> </u>
-	-	-	-	-	-	-	-	-	-	-	-
			Total								
c) Any s	pecial progr	ammes		7		T	···········			7	7
-	-	-	- Total	-	-	-	-	-	-	-	-
			I Otal			<u> </u>	<u> </u>				