#### **FLD-1 (Soil Science)**

**FLD Title** : Effect of NPK & Micronutrient (Boron) on capsicum production inside of low-cost poly-house.

Crop : Capsicum

Thrust Area : The quality of Capsicum & less production

Thematic Area : Balanced use of fertilizer & Application of micronutrient.

Season : Rabi 2022

Farming Situation : Control low-cost poly-house farming situation

Sl	Crop &	Proposed	Technology Package for	Parameter	Cost of Cul	tivation		N	lo. c	of Fa	ırme	rs/De	emoi	nstra	ition	1
.	Variety/	Area	demonstration	(Data) in	Name of Inputs	Demo	Local	S	$\mathbb{C}$	5	ST	Ot	her	-	Γota	ıl
N	Enterprises	(ha)/Unit		relation to	_											
o.		(No.)		technology				M	F	M	F	M	F	M	F	T
				demonstration												
1.	Capsicum	0.133ha.	Effect of NPK &	Yield,	Seeds, Fertilizer &	Six		1		2	1	1	1			6
			Micronutrient (Boron) on	Nutrient status	technological											
			capsicum production	after harvest	support											
			inside of low-cost poly-													
			house													

#### FLD-2 (Soil Science)

**FLD Title** : Effect of Bio-fertilizer & micronutrients (B) in moong-bean production of hilly areas of West Bengal.

**Crop** : Moong-bean

Thrust Area : Local Variety/no seed inoculation/non use of micro nutrient cause low productivity,

Thematic Area : Integrated nutrient management

**Season** : Summer 2022 **Farming Situation** : Rain fed

Sl.	Crop &	Propos	Technology Package for	Parameter	Cost of Cultivation			N	0. 0	f Fa	rme	rs/D	<b>)</b> em	onst	tratio	on
No	Variety/	ed	demonstration	(Data) in	Name of Inputs	Dem	Loc	S	С	S	Γ	Ot	he		Γota	ıl
	Enterpri	Area		relation to	-	o	al					1	•			
	ses	(ha)/U		technology												
		nit		demonstrati				M	F	M	F	M	F	M	F	T
		(No.)		on												
1	Green	0.33ha	Variety, Rhizobium culture &	Yield, B:C	Seed, micronutrient &	Elev		2	1	3	1	2	2	7	4	1
	gram		micronutrient (B)	ratio	technological support	en										1
	PDM-				_											
	139															

### FLD-3 (Soil Science)

FLD Title : Vermicompost production in Poly-bag methods, with the use of FYM & crop residue and organic wastes

**Crop/variety** : Vermicompost production

Thrust Area : Hill region of West Bengal (Kalimpong district)
Thematic Area : Vermicompost production in poly-bag methods

Season : Summer 2022-Rabi 2022

**Farming Situation**: Control in poly-bag farming situation

Sl.	Crop &	Propos	Technology Package for	Parameter	Cost of Cultivation			N	0. 0	f Fa	rme	rs/D	)em	onst	ratio	on
No	Variety/	ed	demonstration	(Data) in	Name of Inputs	Dem	Loc	S	С	S	T	Ot	he		Γota	il
	Enterpri	Area		relation to	•	o	al					r	•			
	ses	(ha)/U		technology												
		nit		demonstrati				M	F	M	F	M	F	M	F	T
		(No.)		on												
1	Vermic	9 units	Vermicompost production in poly-	Vermicomp	Polybag units & Warms	Nine		3	0	2	2	1	1	6	3	9
	ompost		bag methods	ost												1
	product			production												
	ion															i .

#### **FLD-4 (Animal Science)**

**Crop**: Dairy Cattle

Thrust Area: Micronutrient supplementation Thematic Area: production performance

Season: through out

Farming Situation: Small and Micro

Sl.	Crop &	Proposed Area	Technology	Parameter (Data) in	Cost of Culti	ivation (Rs.	)	No. o	f far	mers	/ de	mons	tratio	n		
No.	variety /	(ha)/	package for	relation to	Name of			SC		ST		Oth	er	Total	l	
110.	Enterprises	Unit (No.)	demonstration	technology demonstrated	Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1.	Dairy Cattle	20	Area Specific Mineral Mixture	Milk production	Mineral Mixture	Rs.10000		2	1	4	1	8	2	14	6	20
2	Dairy Cattle	20	Hybrid Napier Fodder cultivation	Milk production	Hybrid Napier cuttings	Rs.5000		2	1	4	1	8	2	14	6	20

### FLD- 5 (Animal Science)

Crop: Piggery

Thrust Area: Micronutrient supplementation

Thematic Area: Piglet Anaemia

Season: through out

Farming Situation: Small and Micro

Sl.	Crop &	Proposed	Technology	Parameter (Data) in	Cost of Cult	ivation (Rs	s.)	No. o	of far	mers	s / de	mons	stratio	n		
No.	variety /	Area (ha)/	package for	relation to	Name of			SC		ST		Oth	er	Tot	tal	
110.	Enterprises	Unit (No.)	demonstration	technology demonstrated	Inputs	Demo	Local	M	F	M	F	M	F	M	F	Т
1.	Piggery	10 farmers (50 piglets)	Iron supplemention in new borne piglets	Mortality rate	Iron supplement	Rs.10000		2	1	2	3	1	1	5	5	10

## FLD-6 (Horticulture)

Crop: Ginger

Thrust Area: Low yield Thematic Area: Propagation

Season: March -April

Farming Situation: Vegetable based cropping system

		Proposed		Parameter	Cost of Cultivation (Rs.)			No	of	farme	ers / d	lemo	nstr	atior	1	
SI.	Crop &	Area	Technology	(Data) in	Name of Inputs De			SC		ST		Oth	ner	Tota	al	
No.	variety /	(ha)/	package for	relation to		Demo	Local									
	Enterprises	Unit	demonstration	technology	<b>,</b>			M	F	М	F	M	F	M	F	T
		(No.)		demonstrated												
01	Ginger	0.1 ha	Single Bud	1.Yield (q/ha)	Mancozeb (0.3%) coir	18000/-	12,000/-	1	0	1	1	4	3	6	4	10
	Gorubataney	10	Propagation	2. Average	pith and vermi compost											
			Technique of	weight of	(75 :25), Trichoderma											
			Ginger	rhizomes .	10g/kg of mixture.											

## **FLD-7 (Horticulture)**

Crop: Coloured Cauliflower (Carotina and Valentia)

Thrust Area: Low market price
Thematic Area: Crop Production
Season: March – October –November

Farming Situation: Vegetable based cropping system

		Proposed		Parameter	Cost of Cultivation (Rs.)				of	farm	iers /	dem	ons	trati	on	
Sl.	Crop &	Area	Technology	(Data) in				SC		ST		Oth	er	Tot	al	
No.	variety /	(ha)/	package for	relation to	Name of Inputs	Demo	Local									
110.	Enterprises	Unit	demonstration	technology	Maine of Inputs	Demo	Lucai	M	F	M	F	M	F	M	F	T
		(No.)		demonstrated												
01	Coloured	0.1 ha	Introduction of	1.Yield (q/ha)	Seeds	19,500/-	8,000/-	1	0	1	1	4	3	6	4	10
	Cauliflower		coloured													
		10	cauliflower.	2. Average	FYM											
				weight of												
				curds.	Fertilizers											

## **FLD-8 (Plant Protection)**

**Crop:** Mandarin Orange

Thrust Area: Canopy management of Mandarin Orange

Thematic Area: Integrated Disease Management Season: Kharif, 22-23

Farming Situation: Rainfed

				Parameter	Cost of Culti	ivation (l	Rs.)	No.	of fa	arme	rs / c	lemo	nstra	ation		
Sl.	Crop &	Proposed	Technology	(Data) in				SC		ST		Oth	er	Tota	al	
No.	variety / Enterprises	Area (ha)/ Unit (No.)	package for demonstration	relation to technology demonstrated	Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1	Mandarin Orange	5 nos. per unit	<ul> <li>Pruning of dead wood and unproductive branches</li> <li>Removal of Loranthus, mosses and lichens from orange tree</li> <li>Painting the trunk with paste made with COC 50WP (100g) + 10-15g red colored fine soil + 25ml botanical oil + 125g lime per lt of water</li> </ul>	Yield	Copper Oxychloride 50WP, Botanical oil and lime	1500 per unit	1200 per unit	2	1	2	3	3	4	7	8	15

## **FLD-9 (Plant Protection)**

Crop: Honey bee

Thrust Area: Demonstration on Apiculture for additional income

Thematic Area: Bee keeping Season: Pre Kharif, 22-23 Farming Situation: Rainfed

				Parameter	Cost of Cu	ltivati	tion (I	Rs.)	No.	of fa	arme	rs / (	lemo	nstr	ation		
Sl.	Crop &	Proposed	Technology	(Data) in					SC		ST		Oth	er	Tot	al	
No.	variety / Enterprises	Area (ha)/ Unit (No.)	package for demonstration	relation to technology demonstrated	Name of Inputs	f De	emo	Local	M	F	M	F	M	F	M	F	T
2	Honey bee	10 nos. per unit	Apiary with Critical Inputs: Bee box, accessories, Bee colony (Apiscerenaindica) and dearth feeding of sugar and water (1:1) during lean period	Yield	Bee box	Bee bo 45 per un	ox 500 er	-	2	1	2	3	1	1	5	5	10

# **Extension and Training activities under FLD**

Sl.	Activity	Title of Activity	No.	Clientele	Duration	Venue					Parti				
No.						On/Off	S			Т		her		Tota	
							M	F	M	F	M	F	M	F	Т
				Soil Scie	nce										
1.	Training and Demonstration		1	10		OFF									
	Field Day		1	10		OFF									
2.	Training and Demonstration		1	10		OFF									
	Field Day		1	10		OFF									
3.	Training and Demonstration		2	24		OFF									
	Field Day		2	26		Off									
				Animal Sc	ience		'								
1	Training and Demonstration	Supplementation Area Specific Mineral Mixture	1	20	1	OFF	2	1	4	1	8	2	1 4	6	20
1	Field day	Supplementation Area Specific Mineral Mixture	1	20	1	OFF	2	1	4	1	8	2	1 4	6	20
2	Training and Demonstration	Hybrid Napier Fodder cultivation	1	20	1	OFF	2	1	4	1	8	2	1 4	6	20
2	Field day	Hybrid Napier Fodder cultivation	1	20	1	OFF	2	1	4	1	8	2	1 4	6	20
3.	Training and Demonstration	Iron supplementation in new borne piglets	1	10	1	OFF	2	1	2	3	1	1	5	5	10
3.	Field day	Iron supplementation in new borne piglets	1	10	1	OFF	2	1	2	3	1	1	5	5	10
				Horticul	ture										
1	Training	Package and Practice of Ginger cultivation	2		1 DAY	OFF	1		4	2	8	6	1 2	8	20

2	Training	Package and Practice coloured cauliflower production	2		1 DAY	OFF	1		4	2	8	6	1 2	8	20
				Plant Prote	ction										
1	Training and Demonstration	Canopy management of Mandarin Orange	1	15	1	OFF	2	1	2	3	3	4	7	8	15
1	Field day	Canopy management of Mandarin Orange	1	15	1	OFF	2	1	2	3	3	4	7	8	15
2	Training and Demonstration	Promotion of Apiculture for additional income	1	10	1	OFF	2	1	2	3	1	1	5	5	10
2	Field day	Promotion of Apiculture for additional income	1	10	1	OFF	2	1	2	3	1	1	5	5	10
				Home Scie	ence										

#### 1. Other Extension Activities

Sl.		No. of		I	armers		Exte	ension Offi	cials		Total	
No.	Activities/ Sub-activities	activities proposed	M	F	Т	SC/ST (% of total)	Male	Female	Total	Male	Female	Total
				Soi	l Scien	ce						
1.	Field Day	6	110	60	170		04	02	06	114	62	176
2.	Kisan Ghosthi	1	28	00	28		02	00	02	30	00	30
3.	Farmers Seminar	1	280	40	320		06	02	08	286	42	328
4.	Scientific visit to farmers field	5	65	20	85		05	02	07	70	22	92
5.	Farmers visit to KVK	5	4	3	7		00	00	00	4	3	7
6.	Soil health Camp	2	25	20	45		01	00	01	26	20	46
7.	Soil test campaigns	2	25	15	40		02	00	02	27	15	42
8.	Self Help Group Conveners meetings	4	00	60	60		01	02	03	01	62	63
9.	Celebration of important days (specify)	1	30	20	50		04	02	06	34	22	56
10.	Sankalp Se Siddhi	5	75	25	100							
11.	Swatchta Hi Sewa	5	150	25	175		06	02	08	156	27	183
12.	Mahila Kisan Diwas	1	25	02	27		00	02	02	25	04	29