

Transfer Of Technologies

FRONTLINE DEMONSTRATION

Sr No.	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
1.	Pigeon pea	ICM	GT 105	FLD, Training, Field Days, Farmers meeting, Exposur visit to KVK farm, Mass media		25	5.0
2.	Gram	ICM	GG 5			25	5.0
3.	Paddy	ICM	GR 17			25	5.0
4.	Finger millet	ICM	GNN 6			25	5.0
5.	Little millet	ICM	GV 3			25	5.0
6.	Indian bean	ICM	GNIB 22			25	2.5
7.	Aloevera	ICM	INGR 13043			10	0.1
8.	Mango	ICM	Kesar			20	1.0
9.	Gram	IDM	<i>Trichoderma</i>			25	5.0
10.	Cucurbitaceous	IPM	Cue Lure			20	2.0
11.	Okra	IPM	Pheromone trap & Yellow sticky trap			25	5.0
12.	Paddy	IPM	Pheromone trap			25	5.0
13.	Nutri cereal crop (Little millet)	INM	Mixed			25	5.0

Livestock

Sr No.	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	Units
1.	Enterprise	Fodder management	Introduction of new variety of Fodder Sorghum “CSV 21 F”	FLD, Training, Field Days, Farmers meeting, Exposur visit to KVK farm, Mass media		20	20
2.	Enterprise	Nutrition management	Bypass fat			30	30
3.	Enterprise	Nutrition management	Mineral mixture			30	30
4.	Enterprise	Fodder management	New variety-GSF-5			20	20
5.	Enterprise	Nutrition management	Bypass protein			30	30
6.	Enterprise	Nutrition management	Mineral mixture			30	30

Enterprises

Sr No.	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	Units
1.	Plant Protection	Mushroom production	Oyster mushroom cultivation	FLD, Training, Field Days, Farmers meeting, Exposur visit to KVK farm, Mass media		30	30
2.	Home science	Nutrition garden-kharif	Organic kitchen garden			35	35
3.	Home science	Nutrition garden-Rabi	Organic kitchen garden			25	25
4.	Home science	Nutrition garden-Rabi-Adaptive trial	Organic kitchen garden			30	30

Cluster Frontline Demonstrations

Sr No.	Crop/ Enterprise	Thematic Area*	Technolo gy demonstr ated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area (ha)
1.	Green gram	ICM	GM 6	FLD, Training, Field Days, Farmers meeting, Exposur visit to KVK farm, Mass media		50	50

FLDs under other schemes

Sr No.	Crop/ Enterprise	Thematic Area*	Technolo gy demonstr ated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area (ha)
1.	Gram (Adaptive)	ICM	GG 5	FLD, Training, Field Days, Farmers meeting, Exposur visit to KVK farm, Mass media		30	6.0
2.	Green gram (TSP)	ICM	GM 6			15	2.25
3.	Turmeric	ICM	GNT 2			08	0.16

FLD on Other Enterprise

Sr No.	Crop/ Enterprise	Thematic Area*	Technolo gy demonstr ated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Unit s
1.	Kitchen garden	Nutrition garden	Organic kitchen garden	FLD, Training, Field Days, Farmers meeting, Exposur visit to KVK farm, Mass media		40	40

On Farm Trial

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed
1	2	3	4	5	6
Pigeon pea	Rain fed	Low yield of pigeon pea	Spacing management in pigeon pea	10	T1 : Farmers Practices (Random sowing) T2 : 45 x 15 cm T3 : 60 x 20 cm
Tomato	Irrigated	Low yield of Farmers adopted hybrid variety	Varietal assessment of Tomato in the Dangs	10	T1: Farmers practices (Hybrid variety- Vaishali) T2: Gujarat Tomato-7 T3: Arka Rakshak
Potato	Irrigated	Possibilities of Potato cultivation in The Dangs district	Possibilities of Potato cultivation in The Dangs district (Assessment)	06	T1: Farmers practices (Gram) T2: Potato crop(Kufri Badshah)
Okra	Irrigated	Low yield of Okra & High mortality due to Pest damage	Management of Fruit & Shoot borer of Okra	06	T1: Farmers practice T2: Installation of Pheromone trap T3 : Spray Azadirachtin (Neem oil based) 300ppm/1500 ppm
Cross bred cattle	NA	Low milk production due to mineral imbalance & parasitic infestation	Use of Chelated minerals in the diet of crossbred HF cows	10	T 1:Farmer's practice – feeding of locally available feeds and fodders T 2:T1 + Chelated minerals @ 30 gm/cow/day for 120 days T3: T1 + Chelated minerals @ 30 gm/cow/day for 120 days + Bol. Fenbendazol @ 5-7.5 / kg body weight
Finger millet	Rain fed	Random throwing of seedlings	Sowing method in finger millet	10	T1: Farmers Practices (Random throwing) T2: 30 x 10 cm T3: 22.5 x 10 cm
Turmeric	Rain fed	Low yield of turmeric in Kharif	Varietal assessment of turmeric during Kharif season in the Dangs	10	T1: Farmers practices (Salem Variety) T2: Gujarat Navsari Turmeric -1
Finger millet	Rain fed	Low yield of Finger millet	Control of blast disease of Finger millet in the Dangs	06	T1: Farmers practice T2:Spray of Pseudomonas sp. @ 60ml/10litre of water T3 : Seed treatment Trichoderma harzianum@5 g/kg seed
Gram	Rain fed	Low yield of Gram and high mortality after germination	Control of wilt in gram	06	T1: Farmers practice T2:Seed treatment with Trichoderma viride @ 5 g/kg of seed
Cross bred cattle	NA	Lack of knowledge about mineral mixture and concentrate feeding technology. Lower body growth due to improper feeding	Effect of supplementing mineral mixture and concentrate on body growth performance in calves	10	T1:Framer's practice (n=10) T2:Feeding of 15 gm mineral mixture + deworming (Bol. Fenbendazole (7.5 mg/kg B. weight, Oral) (n=10) T3:Feeding of 15 gm mineral mixture + deworming (Bol. Fenbendazole (7.5 mg/kg B. weight, Oral) + Concentrate feeding @ 1% body weight (n=10)

PERFORMANCE OF FLDs



Gram GJG - 3 (Sajupada)



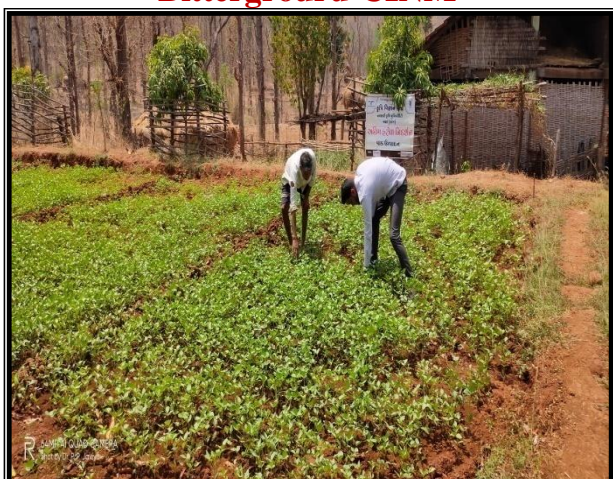
Pheromone Trap



Bitterground-CINM



Bypass Fat



**Introduction of new variety of green gram
- GM 6 (TSP)**



Trichoderma in Gram

On Farm Trail



Sowing method in finger millet



Varietal assessment of Tomato



Control blast disease of finger millet



Control blast disease of finger millet



Mineral mixture



Effect supplementing mineral mixture