

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 village s	No. of farmer s	Area in ha
1.	Pigeon pea	ICM	GT105	FLD, Training, Field Days, Farmers meeting, Exposure visit to KVK farm, Mass media	1	25	05
2.	Finger millet	ICM	CFMV 2(Gira)		5	25	05
3.	Little millet	ICM	GNV3		3	25	05
4.	Paddy	ICM	GR17		3	25	05
5.	Mango	ICM	Kesar		7	30	03
6.	Mango	IPM	Fruitfly trap		1	25	05
7.	Finger millet	IDM	Pseudomonas		2	25	05
8.	Paddy	IPM	Beauveria bassiana		1	25	05

FLD on Livestock

Sr. No.	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system		
				No.of villages	No.of farmers	No.of Units (Animal/ Poultry/ Birds, etc)
1.	Poultry farming	Introduction of new improved birds- Rhode Island Red	FLD, Training, Field Days, Farmers meeting, Exposure visit to KVK farm, Mass media	1	20	10 Poultry
2.	Poultry farming	Introduction of new improved birds- Rhode Island Red		5	20	10 Poultry
3.	Fodder management	SorghumGFS6		3	108	13.5 ha
4.	Fodder management	Sorghum CSV 21F		3	28	3.5 ha

Enterprise

Category and Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area(ha)
Extension education	Kitchen garden kit	Kitchen garden kit (OkraGAO5,Cowpea AVCP 1, Bitter gourd GABH 1, Pigeon pea GT105)	150	1.5

FLDs under other schemes

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.	Gram(TSP)	ICM	GJG3	FLD, Training, Field Days, Farmers meeting, Exposure visit to KVK farm, Mass media	1	50	6.66
2.	Greengram (TSP)	ICM	GM6		5	50	7.50
3.	Paddy (Adaptive trial)	ICM	GR17		3	30	15
4.	Mango	ICM	Kesar		3	11	1.1
5.	Okra	ICM	Purnarakshak		7	20	0.05
6.	Indian bean	ICM	GNIB22		1	20	2.0
7.	Green Gram (natural farming)	ICM	GM6		2	16	0.24
8.	Pigeonpea	IPM	Pheromonetrapp		1	100	20
9.	Bitterguard	IPM	Cueluretrap		5	100	41

On Farm Trial

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed
1	2	3	4	5	6
Finger millet	Rain fed	Low yield of finger millet Low yield of finger	Varietal assessment of finger millet	10	T ₁ :Farmers Practices (Local varieties)T ₂ : GNN 8 T ₃ :CFMV2 (Gira)
Chickpea	Irrigated	Lowyield of Local variety	Varietal assessment of chickpea	10	T ₁ : Farmer variety(Local Varieties) T ₂ :GG5 T ₃ :GJG6
Potato	Irrigated	Varietal assessment of Potato in the Dangs district	Varietal assessment of Potato in the Dangs district	06	T1:Farmers practices(Gram) T2:Potato crop (KufriBadshah)
Indian bean	Irrigated	Popularize new variety of Indian bean	Varietal assessment of Indian bean in the Dangs district	06	T ₁ :Farmers practices (Katargam) T ₂ :GNIB21 (2014) T ₃ :GNIB22 (2017)
Okra	Irrigated	Low yield of Okra &High mortality due to Pest damage	Assessment of management of Fruit & Shoot borer in Okra	06	T1:Farmers practice T2: Installation of Pheromone trap T3 : Spray Azadiracht in (Neem oil based) 300ppm/1500 ppm

Brinjal	Irrigated	Low yield of Brinjal & High mortal it	Assessment of pheromone trap for the management of fruit & shoot borer in Brinjal	06	T ₁ :Farmers Practices T ₂ : Installation of pheromone traps @ 40 traps/ha (AAU, Anand) T ₃ : Remove the infected shoot and fruit + Installed pheromone traps@ 12/ha (TNAU,TN)
Cross bred cattle	NA	Low milk production due to mineral imbalance & parasitic infestation	Use of Cheated minerals in the diet of crossbred HF cows	10	T1-Farmer's practice – feeding of locally available feeds and fodders T2-T1+ Cheated minerals@ 30 gm/cow/day for 120days T3-T1 + Cheated minerals@ 30 gm/cow/day for 120days + Bol. Fenbendazol @ 5-7.5/kg bodyweight

FLD



Finger millet GNN 9 (Gira) (Bhurapani)



Paddy GR 18 (Barkhandhiya)



Little millet GNV 4 (Bhaphal)





Pigeon pea GT 105 (Baj)



Introduction of promising cultivar in mango "kesar"
(Sonniya, Barkhandhya)



Paddy GNR 7 (Sonuniya)

OFT



Varietal evaluation of finger millet (Bhadarpada & Sajupada)