

Front Line Demonstrations

Two thousand four hundred and nineteen demonstrations of 135 technologies were conducted during the period of 1997-2016. The technologies demonstrated on the farmer's field were proven technologies suitable for the region. The crops included for the demonstrations were paddy, banana, perennial crops such as coconut, mango, pepper and vegetables such as amaranthus, cowpea, bitter gourd, bhindi, chilli etc.

FLDs 2015-16:

Sl.no	Crop/ Enterprise	Title of FLD	No.of Demo.
1	Paddy	Demonstration on integrated management practices of weedy rice in Kollam district	10
2	Banana	Demonstration on Foliar application of Sampoorna KAU multimix in Banana	5
3	Cowpea	Demonstration on Foliar application of Sampoorna KAU multimix in Vegetable cowpea	15
4	Cassava	Demonstration on mosaic resistant variety of Cassava 'Sree Swarna' in Kollam district	15
5	Okra	Demonstration of open precision farming in okra	3
6	Vegetables	Demonstration of solanaceous vegetable grafts in Kollam district	10
7	Okra	Demonstration on okra hybrid Manjima in Kollam district	10
8	Coconut	Integrated crop management in coconut-KALPARAKSHA-3 rd year (convergence with ATMA)	20
9	Ericulture	Demonstration of ericulture in tapioca for additional income 2 nd year	5
10	EFY	Demonstration of <i>Trichoderma</i> against collar rot of elephant foot yam	10
11	Banana	Demonstration of <i>Pseudomonas</i> against leaf spot diseases in banana	10
12	Banana	Demonstration of banana blossom products	5
Total			123

FLDs 2019-2020:

Sl.no	Crop/ Enterprise	Title
1	Banana	Demonstration on non conventional soil ameliorants over lime in managing soil acidity in banana var Nendran (10 nos)
2	Pulses	Cluster FLD on pulses (25 ha)
3	Cowpea	FLD on black gram, green gram and grain cowpea (Protein park) - 6ha
4	Okra	Demonstration of fertigation in okra
5	Ginger	Demonstration of IISR micronutrient mixture application in ginger for supplementing micronutrients
6	Yard long bean	Demonstration of high yielding yard long bean variety Arka Mangala in Kollam district
7		Demonstration of 4 row walking type transplanter in Kollam district
8		Demonstration of Power Paddy Weeder in Kollam district
9	Bitter gourad	Demonstration of soil test based nutrient management for pest and disease tolerance in Bitter gourd
10	Jack fruit	Demonstration of jack fruit flour as functional food in baked products
11	Mushroom	Demonstration of nutrition garden along with mushroom as a component through environmental clubs in schools
12		TANUVAS- Masti-Guard for prevention of common mastitis
13		Low cost portable mini poultry brooder with package of practices for backyard poultry
14		Estrous synchronization &AI in Goats

FLDs 2020-2021:

Sl.No	Crop/ Enterprise	Title	No.of Demo
1	Rice	Demonstration on high yielding short duration rice variety Manuratna for the second crop season in Kollam district	15
2	Cassava	Demonstration on nutrient use efficient (NUE) cassava genotype Sree pavitra for reducing chemical NPK fertilizers in Kollam district	15

3	Yard long Bean	Demonstration of Yard long bean KAU Deepika	10
4	Amaranthus	Demonstration of Amaranthus variety KAU Vaika	10
5	Cluster bean	Demonstration of cluster bean variety KAU Suruchi in homesteads	10
6	Vegetables	Demonstration of Value addition in vegetables for maximization of income	3
7	Locally available fruits (Enterprise)	Demonstration on osmo dehydrated locally available fruits	3
8	Poultry designer eggs (Enterprise)	Demonstration on production of low cholesterol eggs in Kollam	5
9	Japanese Quail (Enterprise)	Demonstration of Scientific Management of Japanese Quail (Egg Production) among Rural Women farmers in Kollam District	5
10	Amur Carp Hungarian Strain (Enterprise)	Demonstration on Amur Carp Hungarian Strain rearing in FW natural ponds	5
11	Rice	Demonstration of Drone Technology for large scale application of micronutrient in paddy	20
12	GIFT Tilapia (Enterprise)	Demonstration of Performance of GIFT in fresh water resources	5
13	Elephant foot Yam	Integrated management of collar rot of elephant foot yam in Kollam district	10
14	Mushroom (Enterprise)	Demonstration of oyster mushroom, Pleurotus sp in Kollam district	15

FLD 2021-2022:

Sl.No.	Category/ Crop or enterprise	Title of Technology	No. of Demos
1	Rice	Demonstration on integrated management practices of weedy rice in Kollam district	15
2	Bhindi	Demonstration on Nano organic NPK formulation in Bhindi in Kollam District	15
3	Onion	Demonstration of Onion variety Agri found dark red	7
4	Yard long bean	Demonstration of Yard long bean variety KAU Deepika	10

5	Amaranthus	Demonstration of Amaranthus variety KAU Vaika	10
6	Coconut	Compact area group approach for the management of coconut black beetle, <i>Oryctus rhinoceros</i> L. in Kollam district	2
7	Cucurbits	Demonstration of organic management practice for red pumpkin beetles in cucurbits	7
8	Pearlspot	Demonstration on Pearlspot farming in brackish water ponds	2
9	Pearlspot	Demonstration on Pearlspot farming in fresh water ponds	5
10	Jackfruit	Modified brining technology for shelf life enhancement of raw Jack fruit	3
11	Cattle	Demonstration of prostaglandin hormone(PGF ₂ α) treatment in Dairy cattle showing prolonged oestrus for improvement in fertility	6
12	Poultry	Demonstration of Designer eggs in Kollam district by lowering the egg cholesterol level	6
