

On Farm Testing

Several location specific trials of approved technologies were conducted by KVK, Kollam on paddy, vegetables, banana, coconut, pepper and mushroom etc. The technologies assessed over the period included management practices, INM, integration of eco friendly techniques such as traps with the conventional practices and varietal trials. The proven technologies were then carried over as Frontline Demonstrations. In 82 technologies were assessed /refined and 592 trials were conducted over the years.

OFT 2016-17:

Sl.no	Crop/ Enterprise	Title of OFT	No.of trials
1	Paddy	Assessment of herbicides for the management of different species of <i>Echinochloa</i> in Kollam district	7
2	Colocasia	Assessment of Leaf blight tolerant Colocasia Varieties in Kollam district	7
3	Yard Long bean	Assessment of high yielding yard long bean varieties for Kollam district	5
4	Banana	Assessment of micronutrient mixture in banana for yield enhancement	10
5	Okra	Assessment of different biopriming methods in Okra	7
6	Cow pea	Assessment of management practices against Fusarium wilt in cowpea	5
7	Mushroom	Assessment of Milky Mushroom Varieties in Kollam District	3
	Total		44

OFT 2019-2020:

Sl.no	Crop/ Enterprise	Title of OFT
1	Paddy	Assessment of high yielding short duration paddy varieties for the second crop season in Kollam district (7 nos)
2		Assessment of nutrient use efficient (NUE) cassava genotypes for reducing chemical NPK fertilizers (7 nos)

3	Cowpea	Assessment of short duration heat tolerant grain cowpea varieties for Kollam district (3 nos)
4	Cowpea	Assessment of grain cowpea local variety with other HYV(protein park)-6 nos
5	Coriander	Assessment of leaf coriander varieties in Kollam district
6	Cabbage	Assessment of cabbage varieties for rainy season cultivation in rain shelters
7	Yard Long bean	Assessment of high yielding yard long bean varieties in Kollam district
8		Assessment of suitability of Self propelled paddy drum seeder for women farmers in Kollam district
9	Jack fruit	Assessment of Ready to cook dehydrated Jack fruit
10		Assessment of different poultry varieties for backyard rearing in Kollam

OFT 2020-2021:

Sl.no	Crop/ Enterprise	Title of OFT	No.of trials
1	Pulses	Assessment of high yielding black gram varieties in Kollam District	5
2	Bhindi	Assessment of NANO organic NPK formulations in Bhindi in Kollam District	5
3	Onion	Assessment of onion varieties for Kollam district	5
4	Bitter gourd	Management of mosaic disease of bitter gourd in Kollam District	5
5	Cowpea	Assessment of Cashew Nut Shell Liquid based botanical pesticide for pest management of yard long bean in Kollam District	5
6	Japanese Quail	Assessment of different Broiler Quail varieties in Kollam District	5

OFT 2021-2022:

Sl. No.	Crop/ enterprise	Title of intervention	No. of trials
1	Red gram	Assessment of high yielding short duration red gram varieties as intercrop in young Banana gardens of Kollam District	7
2	White yam	Assessment of high yielding white yam bushy varieties for Kollam District	7
3	Marigold	Assessment of African Marigold (<i>Tagetes erecta</i> Linn) varieties in Kollam district	7
4	Black Pepper	Assessment of endophytic fungus <i>Piriformospora indica</i> for improving growth and yield of black pepper	1
5	Cassava	Assessment of cassava mosaic disease resistant varieties in Kollam District	7
6	Jack fruit	Assessment of quality parameters of different varieties of jack fruit for a high value Osmo dehydrated product	3
7	Duck	Assessment of Different Broiler duck varieties for meat production	4
8	Green Chilli	Assessment of EM composted Goat manure in Green Chilli	5
9	Duck	Assessment of Azolla as a economic feed supplement in Ducks for increasing egg production	5
