

# ICAR – KRISHI VIGYAN KENDRA

## Karur

### Front Line Demonstration conducted by the KVK

YEAR	Category	Crop	Name of the technology demonstrated	Variety	Hybird
2020-21	Paddy	Paddy	Demonstration of fine grain paddy variety VGD 1, seed treatment and soil application of bio fertilizers and bio control agents.	VGD 1	
2020-21	Horsegram	Horsegram	Drought tolerant Horsegram variety CRIDA Horse gram – CRGH - 19 with ICM Practices followed TNAU Pulse wonder two spray.	CRGH -19	
2020-21	Redgram	Redgram	Demonstration of high yielding variety CO 9, Transplanted techniques with Chisel ploughing and use of Pusa hydrogel.	CO 9	
2020-21	Kodo millet	Kodo millet	Demonstration of Improved crop management in Kodo millet (Varagu) TNAU 86 with ICM practices	Kodo millet (Varagu)	
2020-21	Mango	Mango	<p>Demonstration of flower induction and fruit setting in Mango.</p> <ul style="list-style-type: none"> <li>✓ Demonstration of flower induction and fruit setting in Mango.</li> <li>✓ Spraying NAA @ 20 ppm at flowering to increase the fruit set and retention .</li> <li>✓ During February 0.5% Urea (5 g / lit.) or 1% Potassium nitrate (10 g / lit.) may be sprayed to induce flowering.</li> <li>✓ Spraying 2% KNO<sub>3</sub> at mustard size to increase fruit size and retention of fruits. Spray 2 % sulphate of potash at pea stage and 15 days after to improve yield and quality.</li> </ul> <p>During off year Paclobutrazol @ 0.75 g per metre of canopy radius in full bearing tree during first fortnight of September to get maximum number of fruits and yield.</p>	Imampasand	
2020-21	Tapioca	Tapioca	<p>Integrated Nutrient Management in Tapioca</p> <p>Cassava Tonic is the mixture of fermented organic manures and inorganic nutrients along with biocontrol agent.100 kg cowdung mixed in 200 lit water and filtered. Add 2.5kg of <i>Pseudomonas fluorescence</i> and 2.5 kg neem cake and kept for fermentation. In the fermented solution, adde 0.5 % sulphate of potash, 0.9 % multi K (KNO<sub>3</sub>), 0.5 % MgSO<sub>4</sub>, 0.25 % ZnSO<sub>4</sub> and 0.5 % FeSO<sub>4</sub></p>	YTP-2	

			and mixed well and made up to 500 lit with water and sprayed four times from one month after planting at 21 days interval.	
2020-21	Cluster bean	Cluster bean	Demonstration of Cluster bean Variety MDU-1. MDU 1 is the first release in cluster bean from Agricultural College & Research Institute (AC&RI), Madurai. It has a cluster bearing nature (7-9 fruits/node) with long attractive green colored fruits measuring 13-14 cm. Plant matures in 90-100 days and has more number of fruits / plant (150-175 fruits) with an attainable yield of 250-300 g/plant. Fruits are rich in fiber content (4.5g/100g of the fruit) and the plants can tolerate powdery mildew.	Cluster bean Variety MDU-1
2020-21	Solanumnigrum	Solanumnigrum	Demonstration of SolanumNigrum CO 1. Propagation is by seeds. The seedlings are first raised in the nursery and transplanted to the main field 30-45 days after sowing when the plants attain 8-10 cm height. During rainy season, planting is done on ridges while during summer in furrows, at a spacing ranging from 30-90 cm depending upon the stature and spreading habit of the plant. The transplanted seedlings should be given temporary shade for 2-4 days during summer. The crop is usually ready for harvesting after 4-6 months depending upon the climate and soil. The plants are collected and dried in shades.	CO1
2020-21	Ragi	Ragi	Demonstration of Ragi (CO 15) in Sodic soil <ul style="list-style-type: none"> <li>▪ Spread 12.5 t/ha of FYM and green manuring 5 MT/ha</li> <li>▪ Apply basally 60 kg N, 30 kg P2 O5 and 30 kg K2O per ha.</li> <li>▪ Soil application of biofertilizers – Azospirillum &amp; Phosphobacteria @ 2 kg/ha</li> </ul> For alleviating Zn deficiency in plants, spray 0.5% ZnSO4 on 30, 40 and 50days after sowing	CO 15
2020-21	Onion	Onion	Demonstration of INM in onion (CO 5) <ul style="list-style-type: none"> <li>▪ Apply FYM 25 t/ha, Azospirillum 2 kg and Phosphobacteria 2 kg/ha, N 30 kg, P 60 kg and K 30 kg/ha as basal and 30 kg N/ha on 30th day of sowing</li> </ul> Foliar spraying of 0.5 % IIHR Vegetable Special at 45, 60 & 75 DAP (IIHR - 2013)	CO 5

2020-21	Sorghum	Sorghum	Demonstration of INM in Multicut fodder sorghum(CoFS 29) for seed production Apply FYM 25 t/ha, <i>Azospirillum</i> 2 kg and <i>Phosphobacteria</i> 2 kg/ha Apply 45 : 40 : 40 kg N,P, K/ha as basal and 45 kg N as top dressing on 30 DAS	CoFS 29
2020-21	Groundnut	Groundnut	Demonstration on poor quality irrigation water Management techniques in Groundnut <ul style="list-style-type: none"> <li>▪ Apply FYM 25 MT/ha followed by incorporation of green manure 5 MT/ha</li> <li>▪ <i>Azospirillum</i> 2 kg and <i>Phosphobacteria</i> 2 kg/ha</li> </ul> Application of 80 kg of gypsum and 20 kg of pebbles during irrigation	-
2020-21	Paddy	Paddy	Treat the seeds with <i>Pseudomonas fluorescens</i> TNAU liquid formulation @ 10 ml/kg of seeds, Seedling root dipping with <i>P. fluorescens</i> TNAU liquid formulation @ 500 ml for one hectare seedlings, Soil application with <i>P. fluorescens</i> liquid formulation @ 500 ml/ha; Foliar spray with <i>P. fluorescens</i> TNAU liquid formulation @ 5 ml/l, Need based application of azoxystrobin + difenoconazole.	Paddy – TKM 13
2020-21	Cotton	Cotton	Hand pick and burn periodically egg masses, visible larvae, affected and dropped squares, flowers and fruits and squash pink bollworm in the rosettes. Use pheromone traps to monitor the adult moth activity @ 12 / ha. Inundative release of egg parasitoid <i>Trichogramma toideabactrae</i> @ 40,000 / ha at 15 days interval 3 times from 45 days after sowing with coinciding the incidence of the pest. Spraying Emamectin Benzoate 5% SG 190 – 220 g/ha or Thiodicarb 75% WP 1000 g /ha	-
2020-21	Guava	Guava	Use of air layers and sterilized soil media or adopting soil less media (vermiculite and coir pith) can keep the nematodes from entering the root system at nursery stage. Intercropping with marigold around the basin of the tree. Application of carbofuran 3 G @ 33 kg/ ha or phorate 10 G @ 10 kg per ha at the time of planting. Application of nematode egg parasitic fungus, <i>Purpureocillium lilacinum</i> (= <i>Paecilomyces lilacinus</i> ) @ 60 g mixed	-

			with FYM 5 kg and neem cake @ 250 g per tree, thrice, once in three months.		
2020-21	Moringa	Moringa	Keeping two honey bee boxes/acre	-	
2020-21	Paddy	Paddy	Demonstration of mobile based TNAU Agritech portal	-	-
2020-21	Brinjal	Brinjal	Demonstration on COVID 19 prevention techniques for vegetable growers	-	-
2020-21	Kadam	Kadam	Demonstration on Bund Planting of MTP 1 Kadam trees in Garden Lands as Additional Income	MTP 1	
2020-21	Dairy Cow	Dairy Cow	Mastiguard Spray		Cross breed
2020-21	Dairy Cow	Dairy Cow	TANUVAS Ketocheck		Cross breed
2020-21	Japanese Quail	Japanese Quail	Namkkal Gold quail		Namkkal Gold quail
2020-21	Dairy	Dairy	SSF technology for bioconversion of paddy straw	-	
2020-21	Vegetables	Vegetables	<p>Community level vegetable cultivation following TNAU Kitchen garden model, to cater to the needs of the village in common land, by sharing the resources and labour.</p> <p>Community kitchen garden is laid out in a common place where members of a village join to work for production of fresh vegetables. The layout is designed based on the nutritional requirement of the members. The area is protected with low cost shadenet fence. The following vegetable crops like brinjal, tomato, bhendi, onion, chillies, cluster bean, radish, bitter gourd, ridge gourd, ash gourd, snake gourd, pumpkin, drumstick, green leafy vegetables like amaranth, palak, coriander, fenugreek are grown in 30 cents. Organic inputs are used for nutrient and pest management.</p>	-	

2020-21	Herbals	Herbals	To prepare immune boost foods and gave to peoples Herbal tea / decoction (Kadha) made from Tulsi (Basil), Dalchini (Cinnamon), Kalimirch (Black pepper), Shunthi (Dry Ginger) and Munakka (Raisin) - once or twice a day. Add jaggery (natural sugar) and / or fresh lemon juice to taste.	-	
2020-21	Vegetables	Vegetables	Dehydration techniques of tomato and preparation of tomato soup mix, puree and leather. Fully ripe and firm tomatoes were washed well in running tap water. Steam blanching for 3-4 mins ,then it is cut into small pieces and dried in the solar drier at 80°C for 10 hours. The dehydrated pieces are then ground into powder in a mixie.	-	
2019-20	Cereals	Paddy	Demonstration of BLB and Gall midge management in Paddy.	Variety	BPT 5204
2019-20	Cereals	Paddy	Demonstration of high yielding paddy variety TKM -13	Variety	TKM 13
2019-20	Cereals	Sorghum	Demonstration of high yielding and dual purpose sorghum CSH 41	Hybird	CSH 41
2019-20	Horticultural crops	Banana	Demonstration of banana variety Saba in saline and alkali soils	Variety	Kaveri Saba
2019-20		Ixora	Demonstration of INM for Ixora	Variety	Local
2019-20	Vegetable	Tapioca	Demonstration of Tapioca Variety –YTP-1	Variety	YTP-1
2019-20	Flowers	Star Jasmine	Demonstration of Star Jasmine (CO 1)	Variety	CO 1
2019-20	Plantation crops	Betel vine	Demonstration of IPDM in Betel vine	Variety	Vellakodi
2019-20	Vegetables	Nutrition garden	Demonstration of nutri garden	Variery	-

2019-20	Vegetables	Moringa	Demonstration of moringa pod dehydration techniques using solar dryer(Linking with Karur Moringa FPO)	Variety	PKM 1
2019-20	Pulses	Dhal mill	Demonstration of TNAU mini dhal mill– EDP mode	-	-
2019-20	Livestock	Sheep & Goat	Demonstration on Targeted selective treatment (TST) approach for management of haemonchosis in Sheep	Breed	Mecheri
2019-20	Livestock	Poultry	Demonstration on TANUVAS Aseel under Backyard system	Variety	Aseel
2019-20	Livestock	Poultry	Demonstration of Namakkal Gold Quail	Variety	Namkkal Gold quail
2019-20	Forage Crops	Fodder	Demonstration of Mixed fodder seed bank	Variety Hybird	CO9 African tall CoFS 29 CO 5
2018-19	Cereals	Paddy	Demonstration of AWD use of Pani pipe technique for judicious use of water in paddy	-	-
2018-19	Cereals	Groundnut	Demonstration of Moisture conservation techniques in groundnut cultivation		
2018-19	Oil Seeds	Ground nut	Seed treatment with Trichoderma viride 10g/kg and soil application of Pseudomonas fluorescens 2.5kg / ha Setting of Pheromone trap @ 12 per ha, Planting castor as border crop, Setting of leaf minor traps @ 12 per ha	Variety	
2018-19	Oil Seeds	Castor	High yielding Castor Hybrid YRCH 2 (TNAU 2017)	Hybrid	Castor – YRCH 2
2018-19	Pulses	Red gram	Setting of Pheromone trap @ 12 per ha, Setting of Light trap @ 1 no (50%Farmer Contribution), Shaking of the stem to dislodge the Helicoverpa and foraging the larvae by Poultry birds	Variety	
2018-19	Ixora	Ixora	Integrated Nutrient Management in Ixora	Local Variety	-
2018-19	Horti crops	Banana	Integrated Nutrient Management in Banana ( Nei Poovan)	Nei Poovan	
2018-19	Horti crops	Coconut	Mulching with coconut husks/leaves/coir pith, Circular	Variety	Tall Variety

			trenches, dug 30 cm width and 60 cm depth at 1.5 metres radius, Husk burial in trenches at a distance of 3 m from the palm with a size of 45 cm deep and 150 cm width in between two rows of coconut, TNAU Coconut Tonic application @ 400/palm/year and Bio-fertilizer 100 g of Azospirillum 100 g of Phosphobacteria per palm per year. Growing green manure crops - sunhemp @ 50 g/palm Balanced fertilizer application twice a year during Jun-Jul and Nov , VAM application 50 g/palm.		
2018-19	Horti crops	Jasmine	Advancing the pruning operation to September instead of end of November. Foliar spray of CCC@1000PPM(8ml/lit) 15 days after pruning, Foliar spray of 4% Humic Acid + 19:19:19 on 21days after pruning followed by additional 3 times spray of the same mixture at 15 days interval, Soil application of biofertilizers - Azospirillum 2 kg/ha and Phosphobacteria @ 2 kg/ha	local	Ramanathapuram local
2018-19	Horti crops	Drumstick	Soil test based balanced fertilizer application twice a year during Jun-Jul and Nov. Soil application of biofertilizers – Azospirillum and Phosphobacteria @ 2 kg/ha each. Long handled shear for pruning and harvesting, IPM measures – monitoring pests with light trap, yellow sticky trap. Need based application of Malathion 50 EC @ 2 ml/ lit of water	Variety	Tree Moringa
2018-19	Fruits	Banana	ICM in Banana Variety Udhayam	Variety	Udhayam
2018-19	Vegetables	Chillies	Demonstration of TNAU Hybrid Chilli CO-1	Hybrid	CO-1
2018-19	Vegetables	Onion	Beauveria bassiana 400 g/ha, Setting of Blue sticky trap @ 25 per ha, Setting of Yellow sticky trap @ 25 per ha, S. litura Pheromone trap @ 12 per ha, Setting of Light trap @ 1No. (50 % Farmer Contribution)	Variety	-
2018-19	Small Ruminant	Sheep & Goat	Demonstration on Targeted selective treatment (TST) approach for management of haemonchosis in Sheep & Goat	Local	-
2018-19	poultry	desibird	Health management of Desi Chicken under back yard condition yard condition	Local	-

2018-19	Fodder	Less Green fodder Availability	Fodder	Cow pea Co9 African tall COFS29 CO5	TNAU
2018-19	Vegetables	Moringa	Dehydration and value addition of moringa leaves and pods – dehydrated, moringa pods and leaves, moringa based convenience food mixes(soup mix, satha podi and sambar powder), packaging and labelling	Tree Moringa	-
2018-19	Drudgery	Tapioca	Tools for the weeding operation, Providing training on the usage of twin wheel hoe weeder.	-	-
2017-18	Value addition	Milk product	Demonstration of extension of shelflife of paneer using herbs and spice		
2017-18	Bio energy	Field crops	Production of low cost portable kiln for Biochar		
2017-18	Vegetables	Vegetables	Organic Nutrition garden in Schools		
2017-18	Vegetables	Chillies	Demonstration of IPM in Chillies (CO 1 Hybrid)		Co1
2017-18	Vegetables	Drumstick	Labour saving and safety tools techniques in drumstick cultivation for women	-	-
2017-18	Livestock	Goat	Flock Health management in goats under semi intensive system	Vaccine and deworming	PPR, TT, ET, Deworming, Ectoparasiticide
2017-18	Fodder	Mixed fodder	Demonstration of Mixed fodder production for dairy cattle under drought situation dairy cattle	Cumbu napier 5, African tall maize and cow pea co9, PKM 1,COFS 29	-
2017-18	Livestock	Dairy	Oestrus induction with low cost progesterone sponge	-	-
2017-18	Brinjal	Brinjal	ICM in Brinjal (Manaparai local)	Manaparai local	
2017-18	Drumstick	Drumstick	ICM in Drumstick (PKM-1)	PKM-1	
2017-18	Ixora	Ixora	Integrated Nutrient Management in Ixora	Local Variety	-
2017-18	Coconut	Coconut	Integrated Nutrient Management in Coconut	Tall Variety	



2017-18	Coconut	Coconut	Demonstration of drought mitigation techniques in Coconut	Tall Variety	
2017-18	Pulses	Horsegram	Demonstration of CRIDA Horse gram CRHG-19	CRHG-19	
2017-18	Millets	Sorghum	Drought tolerant and high yielding Sorghum variety CSV 26 R seed treatment with bio fertilizers and bioagent	CSV 26 R	-
2017-18	Cereals	Paddy	Demonstration of TNAU Rice CO(R) 51	Rice CO(R) 51	-
2017-18	Cereals	Paddy	New released short duration TNAU paddy variety MDU 6 in Karur district. It is moderately resistant to leaf folder, Stem borer and Green leafhopper	MDU - 6	-
2016-17	Poultry	Poultry	Health management of Desi Chicken under back yard condition	Local	
2016-17	Sheep and goat	Sheep and goat	Flock Health management in goats under semi intensive system	Local	
2016-17	Vegetables	Vegetables	Demonstration of organic nutrition garden in schools	-	-
2016-17	Fodder	Cow pea and Hybrid Napier	Demonstration of Mixed fodder production for dairy cattle	Co9 & CO5	-
2016-17	Tuber Crops	Tapioca	ICM in Tapioca	Mulluvadi	-
2016-17	Plantation crops	Coconut	Integrated Nutrient Management in Coconut	Tall varieties	-
2016-17	Flowers	Jasmine	Demonstration of ICM in Jasmine	Ramanathapuram local	-
2016-17	Vegetables	Onion	Intercropping in with onion Banana	Co(On)5	
2016-17	Vegetables	Bhendi	Yellow mosaic virus resistant bhendi hybrid		CoBh-4
2016-17	Vegetables	Snake gourd	Demonstration of IPM in Cucurbitaceous vegetables	-	Polo F1
2016-17	Vegetables	Chilli	ICM in TNAU Chilli Hybrid Co1	-	Co1
2016-17	Vegetables	Drumstick	ICM in Drumstick	Arava-kurichi local	-
2016-17	Millets	Pearl millet	Demonstration of High yielding sorghum variety CO - 30 for dual purpose		CO 10
2016-17	Millets	Sorghum	Demonstration of Pearl millet CO - 10 variety	CO 30	-
2016-17	Cereals	Paddy	High yielding variety paddy variety - TNAU CO(R)51		CO(R)51
2016-17	Cereals	Paddy	New paddy variety TKM 13 moderately resistant to blast	TKM 13	-
2015-16	Maize	Maize	Introduction TNAU maize hybrid CO6	CO6	

2015-16	Castor	Castor	Demonstration of high yielding hybrid Castor YRCH - 1	YRCH 1	
2015-16	Cotton	Cotton	Demonstration of drudgery reduction techniques in cotton cultivation for women	Suvin	
2015-16	Vegetables	Vegetables	Introduction of organic nutrition garden in schools		
2015-16	Vegetables	Snake Gourd	Demonstration of IPM for fruit fly management in Snake Gourd		(East West seed) Polo 1
2015-16	Horticultural Crops	Onion	Demonstration of High yielding Onion variety CO(ON)5	CO(ON)5	
2015-16	Horticultural Crops	Brinjal	Demonstration of High yielding Brinjal variety PLR(BR)-2	PLR(BR)2	
2015-16	Horticultural Crops	Tapioca	Demonstration of Mechanization in tapioca	Mulluvadi	
2015-16	Horticultural Crops	Coconut	Integrated Nutrient Management in Coconut	(West Coast )Tall Variety	
2015-16	Horticultural Crops	Moringa	Demonstration of Ecological Engineering for Integrated Pest management in Moringa	Local	
2015-16	Pulses	Black gram	Demonstration of YMV resistant black gram VBN (Bg) - 6	VBN 6	
2015-16	Millets	Pearl Millet	Demonstration of Pearl Millet CO (Cu) 9 variety	CO (Cu) 9	
2015-16	Cereals	Paddy	Demonstration of TNAU Rice ADT 49	ADT 49	
2015-16	Cereals	Paddy	Integrated Pest and disease management in Rice	BPT 5204	
2015-16	Oilseeds	Sesame	Ecological Engineering for Integrated Pest and Disease management in Sesame	Local	
2014-15	Livestock	Livestock	Demonstration of Ethnovet treatment methods for enteritis and dermal lesion in small ruminants		
2014-15	Sheep and goat	Sheep and goat	Demonstration of elite goat breed Sirohi, through cross breeding of local goats with Sirohi buck	sirohi	
2014-15	Fodder	Fodder	Demonstration of Fodder seed bank model for rainfed condition	-	
2014-15	Cow	Cow	Demonstration of improved management practices for low yielding dairy cows	local	
2014-15	Flowers	Desi bird	Demonstration of feeding and nutrient management to improved growth of desibird	Desibird	

2014-15	Flowers	Tuberose	Demonstration of new high yielding Tuberose variety	Arka Nirantara	
2014-15	Flowers	Jasmine	Demonstration of IPM for Jasmine bud worm	Local	
2014-15	Flowers	Ixora	Demonstration of Integrated weed management in Ixora	Local	
2014-15	Vegetables	Brinjal	Demonstration of Integrated pest management for brinjal shoot and fruit borer	Local	
2014-15	Vegetables	moringa	Demonstration of PKM-1 Drumstick variety	PKM-1	
2014-15	Vegetables	Sweet Potato	Demonstration of Sweet Potato weevil tolerant sweet potato variety Sree Arun	Sree Arun	
2014-15	Pulses	Black gram	Demonstration of designer seed techniques in black gram in ADT 5 variety for improved productivity	ADT 5	
2014-15	Cereals	Paddy	Demonstration of Integrated Pest and disease management in Rice	BBT 5204	
2014-15	Cereals	Paddy	Demonstration of drought mitigation techniques in paddy	BPT 5204	
2014-15	Oilseeds	Sesame	Integrated disease management of Sesame phyllody using moderately resistant variety VRI (Sv) 2	VRI (Sv 2)	
2013-14	Maize	Maize	Demonstration of maize maxim	Hema - NAH1137	
2013-14	Commercial	Sugarcane	Integrated Management of borers in SSI	Co 86032	
2013-14	Flowers	Tuberose	Demonstration of new high yielding Tuberose variety Phule Rajini	Phule Rajini	
2013-14	Vegetables	Vegetables	Introduction of chisel plough	Manaparai local	
2013-14	Millets	Sorghum	Demonstration of moisture conservation technologies in Sorghum (TNAU Sorghum Co 30)	Co 30	
2013-14	Millets	Maize	Demonstration of maize maxim	-	Hema - NAH1137
2013-14	Cereals	Paddy	Management of rice blast and sheath blight by TNAU Pf1 liquid formulation	BPT 5204	
2013-14	Cereals	Paddy	Demonstration of TNAU Rice Co 50	Co50	
2013-14	Oilseeds	Groundnut	ICM in groundnut	TAG-20	
2013-14	Oilseeds	Sesame	Demonstration of sesame variety SVPR 1 with ICM	SVPR 1	

			Technology		
2012-13	Sunflower	Sunflower	Introduction of TNAU Sunflower Hybrid Co-2	Co-2	
2012-13	IFS	IFS	Popularization of Integrated Dry land Farming system for Sustainable livelihood		
2012-13	Goat	Goat	Mineral Block (AIMB) for Goats		
2012-13	Poultry	Desibird	Popularization of Oral pellet Ranikhet Disease Vaccination		
2012-13	Sorghum	Sorghum	Popularization of sorghum biscuits		
2012-13	Plantation	Betel vine	Foot rot management in betel vine		
2012-13	Commercial	Sugarcane	Management of early shoot borer in Sugarcane	Co Si 86032	
2012-13	Commercial	Sugarcane	Popularization of TNAU Si 7 Sugarcane variety through SSI method	TNAU Si 7	
2012-13	Fruit	Fruit	Assessment of Banana special in Banana variety Neypoovan	Ney poovan	
2012-13	Fruit	Banana	Fusarium wilt and nematode management in banana	Karpooravalli	
2012-13	Vegetables	moringa	Introduction of watermelon as intercrop in moringa with IPM components	PKM 1	
2012-13	Vegetables	brinjal	Assessment of Vegetable special in brinjal	Mana pparai	
2012-13	Cereals	paddy	popularization of ADT 49 Rice variety through participatory seed production	ADT49	
2012-13	Cereals	paddy	Introduction of TNAU paddy yellow stem borer pheromone with other IPM component	BPT 5204	
2012-13	Cereals	paddy	Introduction of mechanization in rice	BPT 5204	
2012-13	Pulses	Green gram	Introduction of high yielding variety Green gram VBN(Gg)3 through participatory seed production	VBN (Gg)3	
2012-13	Oilseeds	Sunflower	Introduction of TNAU Sunflower Hybrid Co-2		Co-2
2012-13	Oilseeds	Groundnut	Collar rot management in groundnut along with component Technologies	TMV 7	-
2011-12	Power weeder	Power weeder	Popularization of power weeder to reduce drudgery		
2011-12	Banana fibre	Banana fibre	Popularization of banana fibre extraction unit	Rasthali, Nendran	
2011-12	Poultry	Desi chicken	Production performance of New Cross bred desi chicken	New Cross bred	
2011-12	Dairy	Cow	Popularization of Area specific Mineral Mixture	HF X	

2011-12	Tapioca	Tapioca	Management of papaya mealy bug in cassava	H226	
2011-12	Fruit	Banana	High density planting in banana popularization	Karpuravalli	
2011-12	Flowers	Jasmine	Introduction of power weeder for weed management in jasmine		Jasmine
2011-12	Flowers	Tuberose	Introduction of new high yielding variety Prajwal		Tuberose
2011-12	Vegetables	Chilli	Integrated pest management module for chilli pests		Spic Hybrid
2011-12	Vegetables	Bhendi	Management of shoot and fruit borer in bhendi		-
2011-12	Cereals	Paddy	Integrated management of disease in rice(var.ADT 49)	ADT49	
2011-12	Cereals	Paddy	Popularization of paddy variety TRY-3 under saline soil situation with enriched ZNSO4 application	TRY 3	
2011-12	Pulses	Black gram	Popularization of black gram variety ADT-5 with component technology under rice fallow condition	ADT-5	
2011-12	Pulses	Red gram	Popularization of red gram CO(Rg) 7 with component technology	CO(Rg) 7	
2011-12	Oilseeds	Groundnut	Integrated Crop Management in groundnut (TMV 13)	(TMV 13)	
2011-12	Oilseeds	Sesame	ICM on sesame variety	TMV(SV)-7	
2010-11	Others	CRIDA Preservator	Introduction of low cost fruit and vegetable preservator		
2010-11	Others	Egg incubator	Popularization of egg incubator		
2010-11	Poultry	Turkey	Introduction and Popularization of Nandhanam Turkey	Nandhanam Turkey -1	
2010-11	Dairy	Cows	Oestrus Synchronization in dairy cows through Ovsync technology	HF X	
2010-11	Fodder	Fodder	Popularization of fodder bank at village level	Mixed fodder	
2010-11	Commercial	sugarcane	Popularization of TNAU sugarcane booster	COC -96017	
2010-11	Vegetables	Brinjal	Mealy bug management in Brinjal	Manapparai Local	
2010-11	Vegetables	Tapioca	Weed management in Tapioca		
2010-11	Vegetables	Vegetables	Introduction of new variety	PLR SG 2	
2010-11	Millets	Maize	INM in maize		Pre released hybrid CMH 08-282

2010-11	Cereals	Paddy	Popularization of Rice hybrid CORH-3 through SRI method		CORH-3
2010-11	Pulses	Black	Introduction of high yielding blackgram variety	VBN(Bg)-5	
2010-11	Pulses	Redgram	Introduction of high yielding redgram variety	VBN(Rg)-3	
2010-11	Cereals	Paddy	Integrated Crop Management on paddy		
2010-11	Oilseeds	Sunflower	IDM Sunflower		SP-24
2010-11	Oilseeds	Sunflower	Introduction of high yielding sunflower hybrid		DRSH-1
2010-11	Oilseeds	sesame	Introduction of high yielding sesame variety	VRI(SV)-2	
2010-11	Oilseeds	Sunflower	Introduction of high yielding sunflower variety	CO(SFV)-5	
2010-11	Oilseeds	sesame	Introduction of high yielding sesame variety	TMV(SV)-7	
2009-10	Pulses	Black gram	Introduction of new high yielding variety ADT-5 with component technology	ADT-5	
2009-10	Pulses	Green gram	Introduction of new high yielding variety ADT-3 with component technology	ADT-3	
2009-10	Pulses	Black gram	Introduction of new high yielding variety VBN(Bg)-4 with component technology	VBN (Bg)-4	
2009-10	Pulses	Green gram	Introduction of new high yielding variety CO(Gg)-7 with component technology	CO (Gg)-7	
2009-10	Pulses	Red gram	Introduction of new high yielding variety APK-1 with component technology	APK-1	
2009-10	Oilseeds	Groundnut	Polythene film mulch in groundnut	VRI-3	
2009-10	Oilseeds	Sesame	Introduction of new high yielding variety VRI(SV)-2 with component technology	VRI (Sv)-2	
2009-10	Oilseeds	Sunflower	Introduction of new high yielding variety DRSH-1 with component technology	DRSH-1	
2009-10	Oilseeds	Ground nut	Introduction of new high yielding variety GPBD-4 with component technology	GPBD-4	
2009-10	Oilseeds	Sesame	Introduction of new high yielding variety VRI(SV)-1 with component technology	VRI (SV)-1	
2009-10	Oilseeds	Sun flower	Introduction of new high yielding variety DRSF-108 with component technology	DRSF-108	
2009-10	Oilseeds	Ground nut	Introduction of new high yielding variety kadari-6 with component technology	Kadari-6	

2008-09	Pulses	Black gram	Introduction of new high yielding variety in Black gram – VBN-3 with component technology	VBN-3	
2008-09	Pulses	Green gram	Introduction of new high yielding variety in Green gram VBN-3 with component technology	VBN-3	
2008-09	Pulses	Black gram	Introduction of new high yielding variety in Black gram VBN-3 with component technology	VBN-3	
2008-09	Pulses	Black gram	Introduction of new high yielding variety in Black gram – APK-1 with component technology	APK-1	
2008-09	Pulses	Green gram	Introduction of new high yielding variety in Green gram VBN-3 with component technology	VBN-3	
2008-09	Pulses	Red gram	Introduction of new high yielding variety in Red gram – APK-1 with component technology	APK-1	
2008-09	Oilseeds	Groundnut	Introduction of polythene film mulch in ground nut	VRI-7	
2008-09	Oilseeds	Sesame	Introduction of new high yielding variety in Sesame VRI(SV)-2 with component technology	VRI(SV)-2	
2008-09	Oilseeds	Sesame	Introduction of new high yielding variety in Sesame- VRI(SV)-1 with component technology	VRI(SV)-1	
2008-09	Oilseeds	Sunflower	Introduction of new high yielding variety in sunflower- DRSH-1 with component technology	DRSH-1	
2008-09	Oilseeds	Ground nut	Introduction of new high yielding variety in groundnut with component technology	Kadiri-6	
2008-09	Oilseeds	Castor	Introduction of new high yielding variety in Castor TMVCH-1 with component technology	TMVCH-1	
2008-09	Oilseeds	Sesame	Introduction of new high yielding variety in Sesame VRI(SV)-2 with component technology	VRI(SV)-2	
2008-09	Oilseeds	Sesame	Introduction of new high yielding variety in Sesame- VRI(SV)-1 with component technology	VRI(SV)-1	
2008-09	Oilseeds	Sunflower	Introduction of new high yielding variety in sunflower- KBSH-44 with component technology	KBSH-44	
2008-09	Oilseeds	Ground nut	Introduction of new high yielding variety in groundnut with component technology	Kadiri-6	
2009-10	Bt hybrids	Bt hybrids	Production technology with Genotype MRC 7918 with RCH		

			708 bt BG-2 as check with full package demonstration including foliar spray of Kno3		
2009-10	Cotton	Cotton	Production technology with Genotype MRC 7918 with RCH 708 Bt BG-2 as check with full package demonstration including foliar spray of Kno3		
2009-10	Sugarcane detrasher	Sugarcane detrasher	Introduction of sugarcane stripper to reduce drudgery in detraging		
2009-10	Groundnut decorticator	Groundnut decorticator	Sitting type groundnut decorticator		
2009-10	Groundnut stripper	Groundnut stripper	Introduction of impact type groundnut stripper		
2009-10	Sugarcane sett cutter	Sugarcane sett cutter	Introduction of sugarcane sett cutter for precision farmers		
2009-10	Coconut tree climber	Coconut tree climber	Introduction of coconut tree climber		
2009-10	Common carps	Common carps	Introduction of inland aquaculture		
2009-10	Poultry	Poultry	Popularization of Broad Breasted white and bronze breed of turkey		
2009-10	Dairy	Dairy	Deworming in buffalo calves and heifers		
2009-10	Fodder	Fodder	Popularization of Co 4 cumbu Napier fodder		
2009-10	Flowers	Flowers	Budworm management in jasmine		
2009-10	Vegetables	Vegetables	Management of shoot and fruit borer in brinjal		
2009-10	Vegetables	Vegetables	Introduction of High yielding and diseases resistance variety KKM CH 1 with component technology		
2009-10	Millets	Millets	Introduction of resistant hybrid and micronutrient management in maize		
2009-10	Cereals	Paddy	IPM for yellow stem borer in paddy		
2009-10	Cereals	Paddy	Paddy direct sowing by using seed drum		
2008-09	Dairy	Dairy	Supplementation of salt licks to counteract nutritional deficiency in cow rearing		
2008-09	Commercial	Commercial	Management of sugarcane early shoot borer		



2008-09	Cereals	Paddy	Modified system of rice intensification		
2008-09	Cereals	Paddy	Wet land drum seeder		
2008-09	Pulses	Black gram	Introduction of new variety (VBN-3) with the composite technology under rice fallow situation		
2008-09	Pulses	Green gram	Introduction of new variety (VBN-3) with the composite technology under rice fallow situation		
2008-09	Pulses	Black gram	Introduction of new variety (APK-1) with the composite technology.		
2008-09	Pulses	Red gram	Introduction of new variety (APK-1) with composite technology.		
2008-09	Oilseeds	Sesame	Introduction of new high yielding variety Sesame VRI(SV)-2 in with component technology		
2008-09	Oilseeds	Sesame	Introduction of new high yielding variety Sesame VRI(SV)-1 in with component technology		
2008-09	Oilseeds	Sunflower	Introduction of new high yielding variety in SunflowerDRSH-1with component technology		
2008-09	Oilseeds	Ground nut	Introduction of new high yielding variety in Groundnut Kadiri-6 with component technology		
2008-09	Oilseeds	Castor	Introduction of new high yielding variety in Castor TMVCH-1 with component technology		
2008-09	Oilseeds	Sesame	Introduction of new high yielding variety in Sesame VRI(SV)-1 with component technology		
2008-09	Oilseeds	Sesame	Introduction of new high yielding variety Sesame VRI(SV)-1 in with component technology		
2008-09	Oilseeds	Sunflower	Introduction of new high yielding variety in SunflowerKBSH-44 with component technology		
2008-09	Oilseeds	Ground nut	Introduction of new high yielding variety in Groundnut Kadiri-6 with component technology		
2007-08	Cattle	Cattle - Dairying	Milk yield		
2007-08	Goat Rearing	Goat Rearing	Animal weight		
2007-08	Horticultural crops	Banana	Banana clump remover		

2007-08	Horticultural crops	Sugarcane	Pit method of planting in Sugarcane		
2007-08	Pulses	Black gram	Introduction of rice fallow suitable variety (ADT-5)+DAP spray and need based plant protection measures		
2007-08	Pulses	Red gram	Introduction of HYV(VBN-3)+ growth promoters +need based plant protection measures		
2007-08	Pulses	Red gram	Introduction of HYV Co (Rg) -7 and VBN-3+ growth promoters +need based plant protection measures		
2007-08	Oilseeds	Sesame	Introduction of VRI (SV)-1+ Micronutrient and Need based plant protection measures		
2007-08	Oilseeds	Sesame	Introduction of SVPR-I Micronutrient and Need based plant protection measures		
2007-08	Oilseeds	Sunflower	Introduction of HYV (KBSH-44)+ INM		
2007-08	Oilseeds	Groundnut	Introduction of HYV(Kadiri-6) with INM		
2007-08	Oilseeds	Sunflower	Introduction of high yielding variety (KBSH-44) with INM		
2007-08	Oilseeds	Groundnut	Introduction of high yielding variety (VRI – 3) with INM		
2007-08	Flowers	Marigold	Introduction of Marigold HYV(MDU -1) variety in banana cropping systems + Bio fertilizer seed treatment (Azospirillum)		
2007-08	Flowers	Jasmine	Alternate spraying of Monocrotophos and Profenophos @2ml / lit at 15 days interval		
2007-08	Vegetables	Brinjal	Release of Cremastus Flavoorbitalis+ Spray of NSKE 5% and Carbaryl 50 WP @ 2gm / litre + Wettable Sulphur @ 2 g / lit at 15 days interval alternatively		
2007-08	Horticultural crops	Banana	Management of Panama wilt in Banana: Sucker treatment with monocrotophos @ 0.5% + Intercropping sunhemp,Capsule injection of Carbendazim 60 mg / tree at 10 cm above the ground level+ Corm injection of		

			Pseudomonas fluorescens 50 mg per tree on 2nd, 4th and 6th month after planting + prainlage with Carbofuran 3G 40gm over the corm for preventing nematode infestation		
2007-08	Fodder	Fodder sorghum	Introduction of fodder sorghum (CoFS -29)		
2007-08	Cereals	Paddy	Clipping the tips of seedlings at the time of transplanting. Release of T.japonicum @ 5cc/ha (twice at Weekly intervals (30 & 37)+ Release of T.Chilonis @ 5cc /ha at 37,44 & 51DAT+ Spraying of Monocrotophos three times at 58 , 65 and 72 DAT @ 1000ml/ha		
2007-08	Ragi	Ragi	Introduction of high yielding variety Ragi (Co(Ra) 14) with low cost technology		
2006-07	Cattle	Cattle - Dairying	Feeding of Azola @ 1Kg/animal/day (DCP content 25-35%) and supplementation of minerals (Agriminforte @ 25 - 30 g /animal/day )		
2006-07	Goat	Goat Rearing	Deworming of the kids with broad spectrum anthelmentic (Fenbendazole @ 5 -7.5 mg/kg Bw - oral and Albendazole 1 ml per 5 Kg BW –oral ) on rotational basis		
2006-07	Dairy	Dairy	Treatment of metritis with Ileren (5 ml I/M ) and antibiotics Lixen (4.0 g IU ) combined with sexual rest and concentrate feeding improves the intercalving period		
2006-07	Sheep	Sheep	Vaccinating the flock against Enterotoxaemia (ETV), sheep pox and Deworming with Panacur (5-7.5 mg/kgBW), and Analgon (5 -10 mg/kg Bw ) broad spectrum anthelmentic.		
2006-07	Dairy	Dairy	Deworming the calves on 15 <sup>th</sup> day with Panacur (5 -7.5 mg/kgBW), 60 <sup>th</sup> day with Susp. Olgord ( 5 -10 mg/kg BW) and 90 <sup>th</sup> day with Tolzan F ( 10 -15 mg/kg BW) on rotational basis		
2006-07	Horticultural crops	Sugarcane	Sett treatment with carbendazim 0.1% + Inter cropping with daincha @ 10 kg of seeds+ soil Application of carbofuran granules@ 33 kg /ha +		

			Trichogramma chilonis @ 2.5 c.c /release/ha from 4 th month onwards at 15 days interval ( 6 times)+ NSKE @ 5 %		
2006-07	Horticultural crops	Sugarcane	Foliar application of FeSo4@2%, 0.5% MnSo4, 0.5% ZnSo4 at 90, 105 & 120 DAP in sugarcane		
2006-07	Pulses	Green gram	Introduction of Rice fallow HYV: ADT-3 in green gram+ seed treatment and soil application of biofertiliser, foliar application of DAP@2%, & Neem oil spray @2%		
2006-07	Pulses	Black gram	Introduction of Rice fallow HYV: ADT-3 in green gram+ seed treatment and soil application of biofertiliser, foliar application of DAP@2%, & Neem oil spray @2%		
2006-07	Oilseeds	Gingelly	Introduction of HYV: TMV-6 in gingelly+ seed treatment and soil application of biofertilisers, DAP foliar spray@2%, MN soil application &NSKE @5% spray(2006-07)		
2006-07	Oilseeds	Sunflower	Introduction of HYV:TNC SH-1 in sunflower + Seed treatment and soil application of biofertilisers, Pseudomonas foliar spray & soil application of MN (2006-07)		
2006-07	Oilseeds	Sunflower	Introduction of HYV: KBSH-1&TNC SH-1 in sunflower+Seed treatment and soil application of biofertilisers, Pseudomonas foliar spray & soil application of MN (2006-07)		
2006-07	Oilseeds	Gingelly	Stale seed bed technique + applicationalachlor @ 0f 1.5kg/ha at 30 DAS		
2006-07	Flowers	Jasmine	Alternate spraying of Monocrotophos and Profenophos @2ml / lit @ 15 days interval		
2006-07	Vegetables	Bhendi	Spraying of Monocrotophos (36 WSC) 2ml / litre and NSKE 5%. Then Pheromone trap is installed @ 12 numbers / ha. Trichogramma @ 10,000 (10cc) is released three times at 15 days interval		
2006-07	Horticultural crops	Tapioca	Introduction of Mosaic resistant variety (H-165) + Spray of Dimethoate @ 2ml / litre		
2006-07	Vegetables	Vegetable cow pea	Intercropping vegetable cowpea in tapioca + Biofertilisers application		

2006-07	Ragi	Ragi	Introduction of saline resistant variety(GPU-28) seed treatment and soil application of <i>Azospirillum</i> , PSB & <i>Pseudomonas</i> and soil application of Micronutrient		
2006-07	Cereals	Paddy	Introduction of high yielding and resistant variety (CO-47). Seed treatment with Edifenphos @ 1ml / lit. Spraying of <i>Pseudomonas</i> 2 times and Carbendazim 250g/ha immediately after the appearance of the symptom		
2006-07	Cereals	Paddy	Cultivation of resistant paddy variety (IR-20), Release of <i>Trichiogramma japonicum</i> @ 5cc/ha(twice) at weekly intervals (30 & 37 DAT) and Release of <i>Trichogramma chilonis</i> @5 cc/ha ( three times) at weekly intervals at 37, 44 &51 DAT for controlling stem borer and leaf folder respectively. Spraying of monocrotophos spray 0.05 % (58, 65 and 72 DAT)+ Spray of <i>Bacillus thuringiensis</i> @ 1lit/ha at flowering stage		
2006-07	Cereals	Paddy	SRI- Short duration variety: ADT-43, N management by LCC, <i>Azospirillum</i> and Phosphobacteria seed treatment and soil application, soil application of zinc sulphate @ 10kg/ha		
2006-07	Cereals	Paddy	Soil application of 25 kg of Zinc sulphate at last ploughing and foliar spray of Zinc sulphate @0.5% two time at 25 & 40 DAS in paddy		