

Technology Assessment (OFTs) 2020-21

S. No.	Crop/enterprise	Title of intervention	Technological options TO-1 TO-2 FP	Source of Technology	Status*	No. of trials	Total cost involved (Rs.)	Team members involved	No. of trials targeted in DFI village(s)	No. of trials targeted under SC-SP
1	Paddy	Assessment on Performance of Paddy varieties in Chengal pattu Region	<ul style="list-style-type: none"> • Demonstration of ADT-53 variety • Demonstration of CO-51 paddy variety • Cultivation of local variety 	TNAU 2019& TNAU 2013	New	5	31000	Dr.T.Selvaraj and Dr.P.R.Nisha		1
2	Watermelon	To Assess the performance of biological methods for managing Wilt disease in watermelon	<ul style="list-style-type: none"> • <i>ST- P. fluorescens</i> @10 ml/kg and SA-<i>P. fluorescens</i> 2.5 lit/ha • Arka Plant growth enhancer and yield promoter-ST- @ 20 grams /kg of seed + Cocopeat application @ 10g/kg, Soil drenching 	TNAU, 2020 & IIHR, 2013	New	5	21625	Dr. Gayathri Subbiah and Dr. P.R. Nisha		2

			ng - 5ml/Lit • Chemical sprays to control disease							
3	Millet dehusker	Assessment on Double Chamber Centrifugal Dehusker for Millets	<ul style="list-style-type: none"> • Millet Dehusking using double chamber dehusking machine • Millet Dehusking using single chamber dehusking machine • Manual 	TNAU 2018 CIAE 2013	New	1	3100 0	Dr.M.Siddharth and Dr.P.R.Nisha		
4	Goat	Assessment on Mineralized Salt Lick for Small Ruminants	<ul style="list-style-type: none"> • Goat Rearing with AFTD mineralized Salt lick • Goat Rearing with Salt lick supplementation • No mineral supplementation 	TANUVAS, 2019 & 20116	New	10	1175 0	Dr.K.Devaki and Dr.P.R.Nisha	1	2
5	Fisheries	Assessment of grow-out study on incorporation of murrel in	<ul style="list-style-type: none"> • Carp polyculture with Striped murrel (Carp varieties) 	ICAR-CIFA, 2017 & ICAR-CIFRI, 2014	New	5	2900 0	Dr.K.Sivakumar and Dr.P.R.Nisha		1

		carp polyculture	<ul style="list-style-type: none"> s - 8400 Nos/Ha with Striped murrel variety – 1600 Nos/Ha) • Carp polyculture with Murrel varieties (Carp varieties - 9200 Nos/Ha with Murrel varieties of Giant, Striped & Spotted murrel – 800 Nos/Ha) • Polyculture of carps 							
6	Millet processing	Assessment of different types of herbal powder incorporated millet cookies	<ul style="list-style-type: none"> • Millet cookies with addition of thulasi powder @ 20g/kg (2%)+ Whole wheat flour+ Millets (Ragi , Jowar) • Millet cookies with addition of Thuthu valai powder 	TNAU 2015, UAS 2015	New	5	7250	Dr.Vimalarani and Dr.P.R.Nisha	1	1

			<p>@ 20g/kg (2%)+ Whole wheat flour+ Millets (Ragi ,Bajra)</p> <ul style="list-style-type: none"> • Maida + Vanasp athi + White sugar+ Artifici al colour 							
7	Extensi on	Assessm ent of Effectiv eness of Weather Advisory Services through different modes of communi cation tools	<ul style="list-style-type: none"> • Dissemi nation of Weathe r based Agro Advisor y through Whatsa pp • Dissemi nation of Weathe r based Agro Advisor y through public address system • Dissemi nation of Weathe r based Agro Advisor y through leaflet and press 	Social media	New	3	1500 0	Dr.P.R.Nis ha & Dr.S.Gang adharan	1	1