

Department of Trade and Intellectual Property

TNAU, Coimbatore-3

Status of TNAU Patents obtained, and Inventions filed

I. PATENTS OBTAINED

S.No	Name of the Scientist	Name of the Invention	Patent Number
1.	Dr.S.Mohan, Professor of Agricultural Entomology, TNAU, Coimbatore- 641003	A device to remove insect eggs from stored pulse seeds	198434
2.	Dr.P.M. M. David, Professor of Agricultural Entomology, AC &RI, Killikulam.	A multipurpose device for the management of insects and rodents	201482
3.	Thiru. K.Chendrayan, Assoc. Professor of Microbiology, TNAU,Coimbatore-641003	Anaerobic microbial dissolution of lead and production of organic acids	4758345
4.	Dr.K.Angappan, Assoc. Professor of Plant Pathology, TNAU,Coimbatore- 641003	A process of preparing a biofertilizer cum bio fungicidal composition	191420
5.	Dr.R.Jagannathan, Professor and Head, Department of Agricultural Meteorology, TNAU, Coimbatore-641003	Process for preparation of coconut fertilizer briquette	210050
6.	Dr. Kathiresan, Professor & Head, Cotton Research Station, Veppanthattai, Perambalur-621116	Sugarcane detrasher	204273
7.	Dr.V.Udayasuriyan,	A chimeric cry2A protein of Bacillus thuringiensis with higher insecticidal	244427

	ProfandHead,Dept.of Biotechnology, CPMB,TNAU, Coimbatore-3	activity and a method for its development	
8.	Dr.V.Udayasuriyan, ProfandHead,Dept.of Biotechnology, CPMB,TNAU, Coimbatore-3	CDNA gene encoding a protein with plant anti-viral property from Bougainvillea	248606
9.	Dr.K.Kailappan, Agricultural Processing	Process for the production of ready to cook mix and food from pearl millet	250608

II. INVENTIONS FILED FOR PATENT

S.No	Name of the Department	Name of the Invention	Patent Application Number	Status
1.	Dept of Floriculture and Landscaping, TNAU, Coimbatore-3	Export packaging technology for jasmine (Jasminum sambac Ait.) flowers	1370/CHE/2010	Application NotYetPublished
2.	Dept of Water Technology Centre, TNAU, Coimbatore-3	ii).PinkPigmentedFacultative Methylotroph (PPFM) Supplementation Technology for Mitigating Terminal Drought in Rice (Oryza sativa L.)	2137/CHE/2010	Request for examianation filed in Form 18
3.	Dept of Water Technology Centre, TNAU, Coimbatore-3	i).DripFertigation Technology for Aerobic rice (Oryza sativa)	2138/CHE/2010	Request for examianation filed in Form 18
4.	Dept of Seed Science and Technology, TNAU, Coimbatore-3	Technology for secondary protein extraction for seed treatment and foliar spray application	845/CHE/2010	Application NotYetPublished
5.	Biotechnology, CPMB,TNAU, Coimbatore-3	Synthetic DNA sequence for production of insecticidal Cry 2AX1 protein in plants	3331/CHE/2010	Application Not Yet Published

6.	Dept of Seed Science and Technology, TNAU, Coimbatore-3	A seed pelleting mixture composition and seed pelleting protocol	233/CHE/2011	Application NotYetPublished
7.	Dept of Seed Science and Technology, TNAU, Coimbatore-3	A machine for peleting of seeds	234/CHE/2011	Application NotYetPublished
8.	Planning and Monitoring	Kathir Paddy Nursery for SRI	Application number not yet received	Application NotYetPublished
9.	Plant Pathology, TNAU	Herbal Formulation for Detoxification of Aflatoxins	1987/CHE/2011	Application NotYetPublished
10.	Department of Nematology, Directorate of Centre for Plant Protection Studies, TNAU	Composition having nematicidal activityfrom <i>Swieteniamahogany</i> (Meliaceae)seed Kernal	1988/CHE/2011	Application NotYetPublished
11.	Dept.of Seed science and technology	An accurate, economical, fast track, DNA finger printing based genetic purity testing technique for commercial seed lot	Application number not yet received	Application NotYetPublished
12.	Dept. of Seed science and technology	Designer seed tape	3812/CHE/2011	Application Not Yet Published
13.	Microbiology	Process for separation of Amino mass, minerals and chitin from silkworm pupae bio-waste	3890/CHE/2011	Application Not Yet Published
14.	Microbiology	Spices Wine	2423/CHE/2011	Application Not Yet Published
15.	Plant Pathology	Tree Killer	4640/CHE/2011	Application Not Yet Published
16.	Micro biology	Process for producing a natural yellow pigment by submerged fermentation of a fungi thermomyces sp	4456/CHE/2011	Application Not Yet Published
17.	Nano science and technology	Nano-fertilizer formulation for smart delivery of nitrogen	4563/CHE/2011	Application Not Yet Published
18.	Plant breeding and genetic AC&RI	Relative water position method for early identification	3383/CHE/2011	Application Not Yet Published

		of drought resistance in rice cultivars		
19.	Plant breeding and genetic AC&RI	Induced Seminal Rooting (ISR) Technique for Rapid and Mass Screening of Rice Genetic Accessions for Deep Root System	161/CHE/2012	Application Not Yet Published
20.	Planning and Monitoring	Cane Seedlings Pruner	241/CHE/2012	Application Not Yet Published
21.	Nematology	Bio formulation of Egg parasitic fungi (Engyodontium aranearum) for control of potato cyst nematodes	399/CHE/2012	Application Not Yet Published
22.	Agricultural processing	A thresher cum winnower device	0013/DEL/2012	Application Not Yet Published

PRIVATE INVENTIONS FILED FOR PATENT

S.No	Name of the inventor	Name of the invention	Application No.	Status
1.	R.Rajkumar 15c, (3/4), 9 th cross, Annanagar, Peelamedu, Coimbatore-641004	Thoroughbred Roof Insulation	2893/CHE/2010	Application Not Yet Published
2.	M.P. Rajkumar Coimbatore	Mobile based Irrigation Scheduling Equipment	3041/CHE/2010	Application Not Yet Published
3.	Durai samy	Moving lever Hand Weeder	3748/CHE/2011	Application Not Yet Published
4.	Dr.Subashini	Cosmeceutial products based on allantoin rich extracts of pisonia alba	84/CHE/2012	Application Not Yet Published
5.	Dr.Subashini	Medicinal Products based on allantoin rich extracts of pisonia alba	85/CHE/2012	Application Not Yet Published