

Name and Designation : Dr. M.KUMARESAN, Principal Scientist

Date of Birth : 30.06.1968

Date of Joining ICAR : 10.11.1993

Email : kumaresanm325@gmail.com

Telephone No (O) : 9443917398

Educational Qualification : Ph.D.

Discipline : Agronomy

Service Particulars : Scientist (1993-2002, ICAR-CTRI)
Sr. Scientist (2002-2010, ICAR CTRI)
Principal Scientist (2011-till date)
Head In charge (2012-2020; 2023-2025),
ICAR NIRCA RS, Veda sandur, Tamil Nadu



Areas of Expertise for Consultancy Purposes

Cropping systems : Nutrient Management; Water management

Research Publications (Best Ten)

1. Kumaresan M., Damodar reddy D., Manivel P., Kasturi krishna S., Kiran kumar T and V. Annadurai.(2025). Impact of integrated agro-technologies on the weeds and cured leaf yield of tobacco (*Nicotiana tabacum*) in Southern India. *Indian Journal of Agronomy* ,70 (1): 91-98 ; DOI: 10.59797/ija.v70.i1.5586/2025.
2. Gopinath P, Saraswathi T, Manivel P, Visalakshi M, santhanakrishnan VP, Kumaresan M and Seshu Madhav M. (2024). Exploring genetic variability and trait relationships in Ashwagandha (*Withania somnifera* Dunal L.) for improved yield, *Plant science today*. 11(sp4):01-09.2024
3. Kumaresan, M., D. Damodar Reddy, P. Manivel, S. Kasturi Krishna, M. Venkatesan, Aninidita Paul And V. Annadurai. (2023). Value addition in a sun cured chewing tobacco (*Nicotiana tabacum* L) with natural sweeteners and astringent tasteners. *Tobacco Research*, 49(1);7-10.
4. Lakshminarayana R, TGK Murthy, KN Subramanya, RVS Rao, K Palanichamy, AVSR Swamy, K Nagarajan, M Kumaresan, TSN Reddy, K Sarala (2023). Bsr-1 (Ic0634526, Ingr21084), a Chewing Tobacco (*Nicotiana Tabacum*) Germplasm with Resistance to Black Shank (*Phytophthora Parasitica*). *Indian journal of plant genetic resources*, 36(1), 194.
5. Lakshminarayana R., T.G.K. Murthy, K.N. Subramanya, R.V.S. Rao, K. Palanichamy, A.V.S.R. Swamy, K. Nagarajan, M. Kumaresan, T.S.N. Reddy, K. Sarala, P. Manivel, K. Prabhakara Ra and M. Sheshu Madhav. (2023). "YASINI" - A new high yielding black shank disease resistant chewing tobacco variety for Tamil Nadu. *Tobacco Research* .49(1),29-37.

6. Kumaresan M, P.Manivel And D.Damodar Reddy.(2020). Performance of chewing tobacco poly tray seedlings under levels of Nitrogen and drip irrigation. *Tobacco Research*. 46(2), 75-78.
- 7.Kumaresan M, P.Manivel And D.Damodar Reddy .(2020).Effect of different organic manures on the production of chewing tobacco poly tray seedlings and its resultant effect on the growth,yield and economics. *Tobacco Research*. 46(2), 79-82.
8. KUMARESAN M and D.DAMODAR REDDY.(2020). Effect of inter crop population and levels of fertilizer on the yield ,system productivity, Economics, microbial population in chewing tobacco (*Nicotiana tabaccum L.*) + Annual *moringa (Moringa olifera L.)* inter cropping system. *Tobacco Research*:46(1):30-36.
9. KUMARESAN M., C. CHANDRASEKARA RAO AND D. DAMODAR REDDY. (2019).Effect of methods of irrigation and dates of planting on the yield, economics and water use efficiency of hybrid chewing tobacco (*Nicotiana tabaccum L.*) *Tobacco Research*. 45(1):48-55.
10. KUMARESAN M., C. CHANDRASEKARA RAO AND D. DAMODAR REDDY (2019). Influence of drip fertigation on growth, yield and leaf-quality characters of sun cured chewing tobacco (*Nicotiana tabaccum*) .*Indian Journal of Agronomy* 64 (3): 24-28.

Awards/ Honours/ Recognitions

Senior Research Fellowship (1991) from ICAR

“Best Researcher National award” (2020) from IRDP Group of Journals, Chennai, India

“Outstanding Achievement Award” (2021) from Agro Environmental Development Society, Uttar Pradesh, India.

“Distinguished Scientist Excellence Award” (2023) from Prosper foundation and AGRI AMIGOS Pvt. Ltd. Theni, Tamil Nadu.

“Fellow of the Indian Society of Tobacco Science” (2023)- (FISTS – 2020)

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