

PROFORMA FOR BIODATA (to be uploaded)

1. Name and full correspondences : Dr. R. MAHESH
address : Scientist-C (Agronomy)
Agronomy and Farm Management section
CSRTI-Berhampore
2. E-mail(s) and contact number(s) : maheagri@gmail.com 9786357978
3. Institution : CSRTI-Berhampore
4. Date of Birth : 25-05-1985
5. Gender (M/F/T) : Male
6. Category (Gen/SC/ST/OBC) : OBC
7. Whether differently able (Yes/No) : No
8. Academic Qualification (Undergraduate onwards)

#	Degree	Year	Subject	University/ Institution	% of Marks
1.	B.Sc	2007	Agriculture	Tamil Nadu Agricultural University	80
2.	M.Sc	2007	Agronomy	-Do-	85
3.	Ph.D	2015	Agronomy	-Do-	91

* Awarded in 1996. Completed work (except writing) before joining in CSB on 05.02.1992. Submitted the write up after joining in CSB with due permission.

9. Ph.D thesis title, Guide's Name, Institution/Organization/University, Year of Award.

Ph.D thesis title: Effect of Water Soluble Fertilizers and Normal Fertilizers under subsurface drip fertigation on growth, yield and quality of sugarcane

Guide Name: Dr. N. Asokaraja

University: Tamil Nadu Agricultural University, Coimbatore

Year of Award: 2015

10. Work experience (in Chronological order)

#	Position held	Name of the Institute	From	To	Pay Scale
1.	Executive - Agronomist	Netafim Irrigation India Pvt. Ltd. Tamil Nadu	July, 2009	September, 2011	Rs. 18000
2.	Scientist-B	Central Silk Board	November, 2015	July, 2019	Level-10
3.	Scientist-C	Central Silk Board	August, 2019	Till now	Level-11

11. Professional Recognition/Award/Prize/Certificate, Fellowship received by the applicant.

#	Name of Award	Awarding Agency	Year
1.	Gold Medal for securing highest marks in Agronomy (Post Graduation)	Agricultural College and Research Institute, Madurai	2009
2.	Best Debut Award-2009	Netafim Irrigation India Private Limited, Gujarat	2010
3.	NFCL Student Fellowship (Doctoral)	Nagarjuna Fertilizers and Chemicals Limited, Hyderabad	2012-2014
4.	Best Oral Presentation Award (Doctoral)	CALORIE' 12, TNAU, Coimbatore	2012
5.	IPNI Ph.D Scholar Award (Doctoral)	International Plant Nutrition Institute, USA	2013
6.	Best Oral Presentation Award (Doctoral)	AGSC, TNAU, Coimbatore	2014
7.	Gold medal for Best Ph.D Research in Agronomy (Doctoral)	Tamil Nadu Agricultural University	2016
8.	Probodh Hindi Exam Certificate	Ministry of Home Affairs & Department of official language	2017
7.	Young Scientist Award (Agronomy)	Society for Biotic and Environmental Research	2019

12. Publication (List of papers published in SCI Journals, in year wise descending order): Nil

#	Author(s)	Title	Name of Journal	Volume	Page	Year
1	R Mahesh, S Krishnasamy, A Gurusamy, PP Mahendran	Performance of Subsurface Drip Fertigation on Yield Attributes, Yield, Water Saving and Water Use Efficiency of Sugarcane (<i>Saccharum officinarum</i> L.).	Madras Agricultural Journal	10	455-459	2013
2	HA Archana, N Asokaraja, R Mahesh, R Kalpana	Effect of Low Cost Drip Tape Irrigation System on Yield and Economics of Sweet Corn	Bangladesh Agronomy Journal	19	71-77	2016
3	B. Patil, R. Mahesh, B.T. Nadagouda, M.P. Potdar, G. Balol, S.K. Dutta & T. Satyanaranayana	Nutrient Stewardship for sugarcane	Better crops IPNI, USA	10	24-27	2016
4	R. Mahesh, B. Patil & H.A. Archana	Subsurface drip fertigation: A tool for practicing 4R nutrient stewardship in sugarcane	Better crops IPNI, USA	2	17-21	2018
5	R. Mahesh, H. Meitei, D.	Effect of fertilizer dose and split application of fertilizer on growth,	Innovative Farming	4	4	2019

Chakravarty & V. Sivaprasad	yield and nutrient use efficiency in mulberry.				
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13. Detail of Patents: Nil

#	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status

14. Books/Reports/Chapters/General Articles etc.

#	Title	Author's Name	Publisher	Year of Publication
1	Fertigation: A new tool for efficient water and fertilizer management in Mulberry (R&D News bulletin)	R. Mahesh	CSRTI- Berhampore	2016
2	Suitable region specific mulberry varieties and tips for quality leaf production (Chapter)	R. Mahesh	CSB, Bangalore	2017
3	Effect of fertilizer dose and Split application of fertilizer on nutrient use efficiency in mulberry (Abstract)	R. Mahesh, H.P. Meitei, M. Chaudhuri & K. Trivedy	University of Agricultural Science, Bengaluru	2017
4	Assessment of mulberry leaf yield improvement through foliar application of Ascophyllum nodosum and Kappaphycus alvarezii seaweed extracts (Abstract)	A.Pappachan, R. Mahesh, K. Suresh, D. Chakravarty & K. Trivedy	Department of Sericulture, Raiganji University	2018
5	Mulberry cultivation technology for chawki garden (Technical bulletin)	R. Mahesh, D. Chakravarty & K. Trivedy	CSRTI, Berhampore	2018
6	Mulberry cultivation technology for irrigated condition (Phamphlet)	R. Mahesh, V. Vijay, D. Chakravarty & C. Maji	CSRTI, Berhampore	2019
7	Mulberry cultivation technology for rainfed condition (Phamphlet)	R. Mahesh, V. Vijay, D. Chakravarty & C. Maji	CSRTI, Berhampore	2019
8	Mulberry cultivation technology for hilly areas (Phamphlet)	R. Mahesh, V. Vijay, D. Chakravarty & C. Maji	CSRTI, Berhampore	2019
9	Soil sampling & Testing (Phamphlet)	V. Vijay, R. Mahesh, D. Chakravarty & C. Maji	CSRTI, Berhampore	2019
10	Economics of growing mulberry under lowcost drip fertigation	R. Mahesh, A. Pappachan, V. Vijay, D.	Crop and Weed Science society,	2019

	technology. (Abstract)	Chakravarty & V. Sivaprasad	BCKV, WB	
11	Optimization of Fertilizer Dose under Low-cost Drip Fertigation Systems in Mulberry. (Abstract)	R. Mahesh, A. Pappachan, V. Vijay, D. Chakravarty & V. Sivaprasad	Sona college of Arts & science, Salem and CSB, Bangalore	2019
12	Biochar: Climate Resilient Sericulture (R&D News bulletin)	Nandha, B., R. Mahesh, D. Chakravarty and C. Maji. 2019.	CSRTI, Berhampore	2019
13	Lowcost drip fertigation for mulberry (Phamphlet)	R. Mahesh, D. Chakravarty & V. Sivaprasad	CSRTI, Berhampore	2020

15. Any other Information (Maximum 500 words):

A. Research projects

As PI: (3 nos)

1. PPA3588: Evaluation of Lowcost Drip Fertigation Systems on Yield and Quality of Mulberry Leaves
2. PPF3585: Application of Growing Degree Days as a Model Driver for Developing Mulberry Yield Weather Model
3. PPA02005SI: Optimization of Spacing and Nutrient dose for Newly Developed High Yielding Mulberry Variety, C-2038 under Irrigated Condition

As CI: Three

1. PPS 3600: Soil health card preparation for mulberry growing soils in Eastern and North Eastern India
2. PPF3532: Assessment, Development and Management of area under Mulberry in Major Sericultural Districts of West Bengal using Geospatial Techniques.
3. PIN 3587: Improvement of leaf quality and productivity through external application of seaweed extracts in mulberry (*Morus alba* L.) (Oct., 2016 to Sept., 2017)

B. PGDS dissertation guided: 6 students

C. Sectional in-charge: Looking after the entire activities of Agronomy and Farm management section

D. Farm management: Maintaining 15.28 acres of mulberry garden for quality leaf supply to rearing sections

(Dr. R. MAHESH)