



Nor Dalila Nor Danial

Plant Pathologist

Working in the government sector with 8 years research experience on tropical fruit crops. Involved in product testing, management and development of biological control of durian canker and mango blossom blight disease.



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01 November, 1987



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SKILLS

Fungal Isolation

Bacterial Isolation

Disease Inoculation

Basic SAS Analysis

Molecular PCR

Watchdog Weather Station User

Microsoft Office

LANGUAGES

English



Malay



WORK EXPERIENCE

Research Officer

Malaysian Agriculture Research & Development Institute (MARDI)

09/2011 – Present

Bukit Kayu Hitam, Kedah, Malaysia

Fruits Department, Horticulture Research Centre, Centre of Excellence for Fruits

- Plant pathology research on tropical fruit crops. Currently head of research for controlling canker disease of durian using biological control agents. Studying inorganic compounds for the control of mango blossom blight. Have planted durian and mango trees and is practicing good agriculture management including proper fertilizer schedule, pruning of mango trees and pest control.

Contact: Office – +604-9222601

Finance Assistant

Sime Darby Plantation

06/2011 – 08/2011

Damansara, Selangor, Malaysia

Sime Darby Plantation

- Overlook finance procedure for Sime Darby oil palm plantation for the whole of Malaysia.

Research Assistant

Malaysian Agriculture Research & Development Institute (MARDI)

06/2010 – 06/2011

MARDI Headquarters, Serdang, Selangor, Malaysia

Horticulture Research Centre, Pest and Disease Programme

- Assisted in plant pathology research on banana, mango, melon and dragonfruit disease management

EDUCATION

Bachelor of Horticultural Science

University Putra Malaysia

07/2006 – 06/2010

CGPA 3.55

Faculty of Agriculture

- Project Thesis: Effects of Water Availability and Root Restriction on Growth and Physiology of Fresh Leafy Herbs (*Ocimum basilicum*) Grown Under Soilless Culture System

Pre University Science Biology

Negeri Sembilan Matriculation College

06/2005 – 05/2006

CGPA 2.73

PERSONAL PROJECTS

Development of Biological Consortium for the Control of Durian Canker Disease (10/2011 – Present)

- Won 3 awards for knowledge category

Effectiveness of Inorganic Compounds for the Control of Blossom Blight Disease of Mangoes (01/2016 – Present)

ACHIEVEMENTS & AWARDS

MARDI Science & Technology Expo (MSTE 2016)

Bronze Medal for Knowledge Category

Malaysian Agriculture Innovation Challenge 2014

Bronze Medal

MARDI Science & Technology Expo (MSTE 2014)

Silver Medal for Knowledge Category

ORGANIZATIONS

Malaysian Society of Plant Physiology (MSPP) (08/2015 – Present)

Member

Malaysian Plant Protection Society (01/2015 – Present)

Member

Golden Key International Honour Society (10/2007 – Present)

Member

COLLABORATION PROJECTS

Evaluation of growth, yield and quality of mango var. Harumanis from different cultivation location of Peninsular Malaysia (01/2016 – 9/2018)

Rehabilitation of mango var. Harumanis farm at Tanjung Sedili, Kota Tinggi, Johor, Malaysia for external fruit production (01/2016 – 9/2018)

Development of new durian and mango variety with higher disease resistance and fruit quality for local and export market through conventional and biotechnology approach (01/2016 – Present)

Conservation, bioprospection and technology of rare fruit production (01/2016 – Present)

EXTENSION PROGRAMME & CONTRIBUTION

Consultation and cultural practices recommendation for contract farming and MOA Inc project committee at district of Kubang Pasu and Sik, Kedah

Kubang Pasu and Sik, Kedah, Malaysia, 2016 - 2018

Pest & Disease Talk on Mango Cultivation

MARDI Arau, Perlis, Malaysia – 2014-2017

Consultation of plant maintenance for Jackfruit

Pendang, Kedah, Malaysia – 2018

Pest & Disease Talk on Mango Cultivation

Langkawi Island, Kedah, Malaysia - 2018

Technical committee of organic farming project for fruits crop in Kedah state

Kedah state, Malaysia, 2015 and 2016

Technical visit and consultation at Harumanis mango farm in Kedah and Perlis state

Kedah and Perlis state of Malaysia, 2017 and 2018

PUBLICATIONS

*Abstract and programme book (*Will be published in 2019 proceeding)*

Evaluation of Bicarbonate Salts for the Control of Anthracnose, Colletotrichum gloeosporioides of Mango Plant

2018

Nor Dalila, N.D., Muhamad Hafiz, M.H., Nurul Fahima, M.A. and Nur Aisyah Anis, A.K.

International Conference on Tropical Fruit Pests and Disease 2018, Programme book, pp 26

*Abstract and programme book (*Will be published in 2019 proceeding)*

Evaluation of Different Inoculation Techniques for Blossom Blight Disease, Colletotrichum gloeosporioides of Mango Flower

2018

Nor Dalila, N.D., Muhamad Hafiz, M.H., Nurul Fahima, M.A. and Nur Aisyah Anis, A.K.

28th Malaysian Society of Plant Physiology Conference (MSPPC), Programme book, pp. 57

Refereed proceeding

In vitro Screening of Biological Control Agent of Colletotrichum gloeosporioides the Causal Agent of Mango Blossom Blight in Malaysia

2016

Nor Dalila, N.D., Nurul Fahima, M.A. and Munirah, M.R.

Transaction of Malaysian Society of Plant Physiology, 24: 103-107 (ISBN 978-967-10840-6-9)

PUBLICATIONS

Refereed Proceeding

Compatibility Mixtures of Bacterial Antagonists of Durian Canker, *Phytophthora palmivora*

2015

Nor Dalila, N.D., Stella, M., Jeffrey, L.S.H., Muhamad Hafiz, M.H. , Nurul Fahima, M.A. and Nur Aisyah Anis, A.K.

Transaction of Malaysian Society of Plant Physiology, Vol. 23: 181-184 (ISBN 978-967-10840-5-2)

Proceeding

Effects of Temperature and pH on Growth and Sporulation of *Phytophthora palmivora* on V8 Agar

2014

Nor Dalila, N.D., Rozeita, L., Mohamad Roff M.N., Muhamad Hafiz, M.H., Siti Fairus, Z., Nurul Fahima, M.A. and Nur Hilma, A.G.

32nd Symposium of the Malaysian Society for Microbiology 2014, Programme book, pp. 58

Proceeding

Interaction between *Phytophthora palmivora* and Antagonistic Bacterial Strains on Detached Durian Leaves

2014

Nor Dalila, N.D., Rozeita, L., Muhamad Hafiz, M.H. , Nurul Fahima, M.A. and Siti Fairus, Z.

Proceedings 6th International Agriculture Congress, Programme book, pp 94

Proceeding

Field Screening of Durian Canker Caused by *Phytophthora palmivora* on Durian Hybrids

2013

Nor Dalila, N.D., Bahari, M.M. and Mohamad Roff M.N.

International Congress of the Malaysian Society for Microbiology 2013, Programme book, pp. 83