

**PERSONAL DETAILS**



**Azlan Azizi bin Muhamad Nor**  
B. Sc. (Bioindustry), M.Sc. (Plant Pathology)  
Research Officer,  
Soil, Water and Fertilizer Research Centre,  
Malaysian Agriculture Research and Development Institute (MARDI).

**AREA OF INTEREST**

- Plant Pathology
- Biological Control
- Crop Protection

**ACADEMIC QUALIFICATIONS**

1. Bachelor of Science (Bioindustry), Universiti Putra Malaysia (2009)
2. Master of Science (Plant Pathology), Universiti Putra Malaysia (2015)

**PROFESIONAL CERTIFICATION**

1. 2016 Seminar on Integrated Prevention and Control of Agricultural Crop Diseases and Pest for ASEAN Countries (CATAS, China-2016)
2. International Symposium and Training Workshop on Microbial Utilization (UPLB, Philippine-2019)

## RESEARCH PROJECT INVOLVED

1. Control of bacteria heart rot (BHR) on pineapple using biological control agents.
2. Kajian epidemiologi dan filogenetik penyakit mati rosot betik (PDD), penyakit reput teras bakteria nanas (BHR) dan penyakit pineapple mealybug wilt-associated virus (PMWaV).
3. Pengurusan perosak dan penyakit, pembangunan formula kawalan bio-control, bio-pestisid, dan kejuruteraan bio-ekologi sayuran dan ubian.
4. Peningkatan hasil & kualiti belimbing, nangka dan pisang.
5. Kajian membangun varieti baharu rintang penyakit, berhasil tinggi dan berkualiti untuk pasaran tempatan dan eksport melalui pendekatan konvensional dan bioteknologi.
6. Kajian Pengurusan Perosak dan Penyakit Buah-buahan Premium yang Efektif dan Mesra Alam.
7. Kajian sistem pengeluaran untuk keperluan tanaman, mengekal kesuburan tanah dan pengeluaran lestari.
8. Kajian Kawalan penyakit dan perosak utama betik, nanas, pisang, nangka durian dan mangga secara bersepadu, ramalan awal dan metagenomik.
9. Aplikasi Mudah Alih Bagi Sektor Pertanian 2017.
10. Pengeluaran Ubi Keledek Bernutrisi Tinggi (tinggi antosianin).
11. Pakej amalan agronomi dan pembangunan bioattractant dan biopestisid bagi kawalan perosak dan penyakit.
12. Pengawasan secara agen biologi penyakit mati rosot betik dan reput teras bakteria nanas.
13. Pembangunan nanas baru berasaskan Gandul/N36 untuk penambahbaik kualiti nanas dan ketahanan penyakit BHR.
14. Pembangunan nangka, Cavendish/Pisang berangan yang rintang penyakit melalui teknik penghibridan/ mutasi.
15. Kajian membangun varieti baharu rintang penyakit, berkualiti menarik untuk pasaran tempatan dan eksport melalui pendekatan konvensional, penanda molekular dan kejuruteraan genetic.
16. Pakej amalan agronomi dan pembangunan bioattractant dan biopestisid bagi kawalan perosak dan penyakit.
17. Penyelidikan kawalan perosak untuk buahan, sayuran dan bunga di MARDI.

## PUBLICATIONS

1. **Azizi Muhamad Nor Azlan**, Zainal Abidin Mior Ahmad, Abu Seman Idris and Ganesan Vadamalai. 2018. Assessment of Leaf Spot and Anthracnose Diseases in Nurseries and It Relationship with Oil Palm Seedling Ages. *Int. J. Adv. Multidiscip. Res.* 5(1): 19-26.
2. **Azlan Azizi Muhamad Nor**, Rozlaily Zainol, Raziyah Abdullah, Nur Sulastri Jaffar, Muhammad Zamir Abdul Rasid, Rozeita Laboh, Norsyuhaida Ahmad Shafawi and Noor Baiti Abdul Aziz . 2019. Dissemination Pattern of Bacterial Heart Rot (BHR) disease and screening of the disease resistance among commercial pineapple varieties in Malaysia. *Malaysian Journal of Microbiology*, Vol 15(4), Special Issues 2019: 246-250.

## AZLAN AZIZI BIN MUHAMAD NOR

3. Normahfuzah Husna Samsuddin, Norliza Abu Bakar, Noor Azmi Shaharuddin, Azzreena Mohamad Azzeme, Rozeita Laboh, Rafidah Badrun and **Azlan Azizi Muhamad Nor**. 2018. Establishment of Systemic Acquired Resistance (SAR) in Papaya by External Salicylic Acid Application as a Strategy to Control Dieback Disease. *International Journal of Current Research*, Vol 10, Issue 10: 74440-74448.
4. Norsyuhaida Ahmad Shafawi, Rosimah Jamil, Noor Baiti Abd Aziz, Fatkhiah Ahmad Marzuki, **Azlan Azizi Muhamad Nor**, Noor Syahira Nasarudin, Razali Mustaffa, Salehudin Md Radzuan and Joanna Cho Lee Ying. 2018. New Technology for Mass Propagation MD2 Pineapple Planting Material in Malaysia. *International Journal of Agriculture, Forestry and Plantation*, Vol 6: 33-36.
5. Norsyuhaida Ahmad Shafawi, Rosimah Jamil, Noor Baiti Abd Aziz, Fatkhiah Ahmad Marzuki, **Azlan Azizi Muhamad Nor**, Noor Syahira Nasarudin, Razali Mustaffa, Salehudin Md Radzuan and Joanna Cho Lee Ying. 2018. New Mass Propagation System for True-to-Type Planting Material in Malaysia. *International Journal of Agriculture, Forestry and Plantation*, Vol 6: 37-40

### PROFESSIONAL AFFILIATION

Malaysian Plant Protection Society (MAPPS)

### AWARD AND RECOGNITIONS

1. **Bronze Medal** for MARDI Science and Technology Exhibition 2016. (Spatial distribution of Bacterial Heart Rot disease of pineapple in Malaysia)
2. **Bronze Medal** for MARDI Science and Technology Exhibition 2014. (Development of bacterial heart rot disease (BHR) field inoculation protocol and screening of selected pineapple varieties against BHR).