



# CERTIFICATE OF APPRECIATION

No : 5884/UN10.F04.13/TU/2021

This certificate is presented to

**Dr. Radix Suharjo, SP., M.Agr.**

as:

**Presenter**

in the event:

**International Conference & Congress XXVI**

theme:

**“The Role of Phytopathology in Achieving Healthy Plants Towards Sustainable Agriculture in the Era of the Industrial Revolution 4.0”**

Held by Indonesian Phytopathological Society  
Date October 29<sup>th</sup> - 30<sup>th</sup>, 2021

Chairman of the association

Prof. Dr. Ir. Abdul Latief Abadi, MS.  
NIP: 195508211980021002

Chairman of the committee

Dr. Ir. Mintarto Martosudiro, MS  
NIP: 195907051986011003



# PANTIA KONGRES PFI XXVI DAN SEMINAR INTERNATIONAL

PERHIMPUNAN FITOPATOLOGI INDONESIA

(*The Indonesian Phytopathological Society*)

Gedung HPT, Fakultas Pertanian, Universitas Brawijaya, Jl. Veteran, Malang - 65145, INDONESIA. Email: kongrespfi2021@ub.ac.id

## PRESENTATION SCHEDULE

Day 2: October 30th, 2021

Each presenter has 15 minutes in total  
with 10 minutes for presentation and 5 minutes for discussion  
Between sessions, there are 5 minutes for a break

### ROOM I: BACTERIOLOGY

BACTERIOLOGY: SESSION 1		
Moderator : Irda Safni, SP., MCP. Ph.D		
Time : 08.00 - 09.00		
ID	Presenter	Abstract
1A	<b>Arik A. Fatinah</b>	Immunodominant Membrane Protein (IDPs) And Actin Molecular Mechanisms In The Phytoplasmic Host Determination Process: An In Silico Study <i>Fatinah, A.A.</i>
2A	<b>Triwidodo Arwiyanto</b>	Current Problem and Progress in the Control of Solanaceous Bacterial Wilt caused by <i>Ralstonia solanacearum</i> in Indonesia <i>Arwiyanto, T.</i>
3A	<b>Triwidodo Arwiyanto</b>	Rhizobacteria in <i>Ralstonia Solanacearum</i> Resistant Tomato Varieties Decrease Bacterial Wilt Disease Intensity <i>Navitasari, L., T. Joko, R.H. Murti, T. Arwiyanto</i>
4A	<b>Sri Sudewi</b>	Siderophore Production Of The Rhizobacteria Isolated From Local "Kamba" Rice Plants, Poso Regency In Central Sulawesi <i>Sudewi, S., A. Ala, B. Patandjengi, M. Farid BDR, A.R. Saleh</i>

BACTERIOLOGY, SESSION 2		
Moderator : Prof. Dr. Ir. Triwidodo Arwiyanto, M.Sc		
Time : 09.05 - 10.05		
ID	Presenter	Abstract
5A	<b>Zurai Resti</b>	Endophytic Bacteria as Biological Control of Leaf Spot Disease ( <i>Culvularia Oryzae</i> ) And Promote The Growth Of Rice <i>Resti, Z., Martinius, Y. Liswarni, Gusniati</i>
6A	<b>Mahallal Jihad</b>	<b>Production And Characterization Of Bacterial Chitinase Activities That Can Inhibit The Growth Of <i>Fusarium Proliferatum</i></b> <i>Jihad, M., N.R. Mubarik, Suryani</i>
7A	<b>Yulmira Yanti</b>	Screening And Characterization Of Plant Growth-Promoting Bacteria In The Rhizosphere And Endosphere Of Shallots <i>Yanti, Y., H. Hamid, Nurbailis, N.L. Suriani</i>



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<b>8A</b>	<b>Ratnawati</b>	Inventory Of Endophytic Microbes Origin Of Various Ecosystems In Central Sulawesi <i>Ratnawati, K. Jaya, A.A. Pas, S. Sudewi</i>
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### BACTERIOLOGY, SESSION 3

Moderator : Dr. Radix Suharjo, SP., M.Agr.

Time : 10.10 - 11.10

ID	Presenter	Abstract
<b>9A</b>	<b>Gallyndra Fatkhu Dinata</b>	Induced Systemic Resistance Of Shallots By Consortium Of Indigenous Bacteria <i>Dinata, G.F., L.Q. Aini, A.L. Abadi</i>
<b>10A</b>	<b>Arika Purnawati</b>	<b>Potential Of Endophytic Bacterial From Eggplant To <i>Ralstonia Solanacearum</i> On Tomato Plant In Lowland</b> <i>Purnawati, A, T. Mujoko, I. Purnawati</i>
<b>11A</b>	<b>Luckyta Anjasari</b>	Formulation Of Bacillus subtilis JB12 As Antagonist Agent Xanthomonas axonopodis pv. glycines With Legume Flour As A Carrier <i>Anjasari, L, S.D. Nurcahyanti</i>

### BACTERIOLOGY, SESSION 4

Moderator : Dr. Ir. Nur Prihatiningsih, MS

Time : 11.15 - 12.15

ID	Presenter	Abstract
<b>12A</b>	<b>Lisa Navitasari</b>	Rhizobacteria In <i>Ralstonia Solanacearum</i> Resistant Tomato Varieties Decrease Bacterial Wilt Disease Intensity <i>Navitasari, L., T. Joko, R.H. Murti, T. Arwiyanto</i>
<b>13A</b>	<b>Gallyndra Fatkhu Dinata</b>	Induced Systemic Resistance By Consortium Of Plant Growth-Promoting Bacteria In Shallot <i>Dinata, G.F., L.Q. Aini, A.L. Abadi</i>
<b>14A</b>	<b>Radix Suharjo</b>	Potential Of Some Antagonistic Bacteria To Inhibit Growth And Disease Development Caused By <i>Dickeya Zeae</i> , The Causal Agent Of Bacterial Stalk Rot Of Corn <i>Suharjo, R., D.M.I. Irpawa, Efri, S.R. Dirmawati, T.N. Aeny, U. Hasanudin, M.V. Rini, L. Wibowo, Dermiyati, M. Telaumbanua</i>



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**ROOM II: BIOTECHNOLOGY IN PLANT PATHOLOGY**

BIOTECHNOLOGY, SESSION 1		
Moderator : Dr. Tri Joko, SP., MSc		
Time : 08.0 - 09.00		
ID	Presenter	Abstract
1B	<b>Maria Sugiharti</b>	<i>Phellinus noxious</i> Could Generate Root Rot Disease In Oil Palm <b>Sugiharti, M., A. Suwanto</b>
2B	<b>Muhammad lutfi</b>	Crispr/Cas System For Enhancing Plant Resistance Against Viral Pathogens: A Review <b>Lutfi, M, M.W.A. Yaqin, M.F. Nasiruddin</b>
3B	<b>Sri Widinugraheni</b>	Effector Repertoar Of <i>Fusarium oxysporum</i> f.sp <i>cubense</i> <b>Widinugraheni, S., M. Rep</b>
4B	<b>Rizkita Rachmi Esyanti</b>	Plant Responses Towards A Vascular Wilt Pathogen Observed In Banana Cultivars Mas Kirana ( <i>Musa Acuminata</i> , Aa Group) And Kepok ( <i>Musa Paradisiaca</i> , Abb) Infected With <i>Fusarium Oxysporum</i> F. Sp. <i>Cubense</i> TR4 <b>Esyanti, R.R., N. Farah, R.H. Hanisia, F.A. Nugroho, M. Rizanti, Iriawati</b>

BIOTECHNOLOGY, SESSION 2		
Moderator : Hardian Susilo Adi, SP., MP., PhD		
Time : 09.05 - 10.05		
ID	Presenter	Abstract
5B	<b>Meutia Alifia</b>	The Effect Of Treatment Of Pruning And Management Of Coffee Pinus Agrophorestry On The Population And Diversity Of The Iaa Hormone Producing Rizosphere Mushrooms In Educational Forest Ub Malang <b>Alifia, M., S. Djauhari, A.W. Sektiono</b>
6B	<b>Haryuni</b>	Effect Of Manure And Rice Husk Dosage To Proline And Growth By Binucleate Rhizoctonia- Induced Vanilla Plant <b>Haryuni, M. Amin, M. Rahayu, E. Suprapti, T.S.K. Dewi</b>
7B	<b>Endang Nurcahyani</b>	Analysis Of Resistance And Specific Character Plantlets Cassava ( <i>Manihot Esculenta</i> Crantz.) Results Induced Resistance Against <i>Fusarium</i> Wilt <b>Nurcahyani, E, T.L. Sari, Sulistya</b>
8B	<b>Fifi Puspita</b>	Test Several Doses Of Biofungicide Tablets With Active Ingredients From The Consortium Of <i>Trichoderma</i> Spp. Endophytes To Control <i>Phytophthora Palmivora</i> In Cocoa Seedlings <b>Puspita, F, D.S. Pinem</b>



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### BIOTECHNOLOGY, SESSION 3

Moderator : Dr. Irisa Trianti, SP. MP. M.Sc.

Time : 10.10 – 11.10

ID	Presenter	Abstract
9B	<b>Muslihah Nur Hidayati</b>	Dna Probes For Tomato Bacterial Biosensors <i>Hidayati, M.N, Suranto, A. Susilowati</i>
10B	<b>Alfi Inayati</b>	Changes In Metabolic Profile Of Mung Bean ( <i>Vigna radiata</i> (L.) Wilczek) Seedling During The Interaction With <i>Rhizoctonia Solani</i> And <i>Trichoderma Virens</i> <i>Inayati, A., L.Q. Aini, E. Yusnawan</i>
11B	<b>Hardian Susilo Addy</b>	Bioinformatics Study For Designing Guide RNAs (gRNAs) in CRISPR/Cas9 System Based On <i>xa13</i> Gene Sequences In Varieties Of Rice ( <i>Oryza sativa</i> ) <i>Hardiyani, W.A., H.S. Addy</i>
12B	<b>Henny Hendarja nti</b>	The Entomopathogenic Nematodes Role and Effect on The Existence of Infected <i>Oryctes rhinoceros</i> Larvae in the Palm Oil Rhizosphere in Rokan Hulu District, Riau Province <i>Hendarjanti, H, H.M.K.S. Sinamo</i>

### BIOTECHNOLOGY, SESSION 4

Moderator : Dr. Ir. Herry Nirwanto, MP

Time : 11.15 – 12.15

ID	Presenter	Abstract
13B	<b>Yuliantoro Baliadi</b>	Intra-Uterine Birth Causing Maternal Death (Endotokia Matricida), The Alternative Life Cycle Strategy Of Entomopathogenic Nematodes In The Genus <i>Heterorhabditis</i> And <i>Steinernema</i> <i>Baliadi, Y, E. Yusnawan, A. Inayati, E. Uge</i>
14B	<b>Fitriani Kurniawati</b>	Characterization Of <i>Ditylenchus destructor</i> From Bulb Garlic In Indonesia <i>Kurniawati, F</i>
15B	<b>Muhammad Iqbal Maulana</b>	The Host-Parasite Supergenome: An Untapped Source For Disease Resistance <i>Maulana, M.I</i>



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### ROOM III: MYCOLOGY 1

#### MYCOLOGY 1, SESSION 1

Moderator : Dr. Ir. Arif Wibowo M.Agr.Sc

Time : 08.00 – 09.00

ID	Presenter	Abstract
1C	Arthur Pinaría	Population Diversity of <i>Fusarium oxysporum</i> f.sp. <i>vanillae</i> from North Sulawesi Province, Indonesia <i>Pinaría, A.</i>
2C	Arifin Tasrif	Current Status on Distribution of Leaf Curf Disease ( <i>Helminthosporium solani</i> Durie & Mont) in Indonesia <i>Tasrif, A, R. Hartono, T. Murdiati, A. Parawansa</i>
3C	Ade Rosmana	Fusarium and Lasiodiplodia complex as the causal agents of cacao stem cancer and trial their control by using fungal endophytes in vitro <i>Rosmana, A, S. Sjam, Asman, N.F. Krisna, S.R. Rahmadani</i>
4C	Alfizar	Endophytic and exophytic fungi from the the lower part of pseudostem banana from Aceh. Morphological characteristics and their potential in inhibiting Fusarium wilt disease in vitro <i>Alfizar, L. Hakim, S. Yulianti</i>

#### MYCOLOGY 1, SESSION 2

Moderator : Dr. Ir. Sri Wiyatiningsih MP.

Time : 09.05– 10.05

ID	Presenter	Abstract
5C	Aisyah	Production of Simplicia Biomass of Cat Whiskers with Fertilization of Indigenous Arbuscular Mycorrhizal Fungi (AMF) and N & P on Harvest Rotation Differences <i>Aisyah, S. Malasari, M.E.E Miska, E.M Pribadi</i>
6C	Septi Dian Astuti Anggraeni	The Effect Of Arbuscular Mycorrhizal Fungal Propagule To Suppress <i>Fusarium Oxysporum</i> On Local Garlic Plant Variety (Lumbu Hijau) <i>Anggraeni, S.D.A, S.H.H. Muslimin, S.M Rahmah</i>
7C	Dono Wahyuno	<i>Puccinia psidii</i> Is A Causal Agent Of Rust Disease Of <i>Syzygium</i> Species In Indonesia <i>Wahyuno, D, S. Hardiyanti, Miftakhurohmah, Supriadi</i>
8C	M. Ace Suhendar	Screening of resistance to rice genetic resources against blast disease <i>Suhendar, M.A, D. Koswanudin, N. Hidayatun, T. Zulchi</i>

#### MYCOLOGY 1, SESSION 3

Moderator : Dr. Ir. Dono Wahyuno

Time : 10.10 – 11.10

ID	Presenter	Abstract
9C	Ani Widiastuti	<i>Colletotrichum scovilei</i> in Chili Antrachnose and Its Pathogenicity <i>Sutomo, R.C, S. Subandiyah, A. Wibowo, A. Widiastuti</i>
10C	Endah Yulia	Pathogen Characteristic Of Leaf Spot Causing Symptom Suspected As Blast Disease On Grass Weeds: Identification, Pathogenicity And Its Status On Rice Plants <i>Yulia, E, R.N.A. Riskiah, F. Widiastuti, D. Widayat</i>



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11C	<b>Hertina Artanti</b>	Induce Resistance Shallot Against Fusarium Wilt With Trichoderma Sp. And Arbuscular Mychorrizal Fungi <b>Artanti, H, Suryanti, T. Joko, S. Somowiyarjo</b>
12C	<b>Arif Wibowo</b>	Molecular Identification And Morphological Variation Of <i>Alternaria Solani</i> Causal Agent Of Early Blight Disease Of Tomato <b>Setyaningsih, E, A. Wibowo, Suryanti, A. Widiastuti</b>

### MYCOLOGY 1, Session 4

Moderator : Nurul Hidayah, S.P., M.Si., Ph.D

Time : 11.15 – 12.15

ID	Presenter	Abstract
13C	<b>Miratun Karmila</b>	Effect Of Temperature And Culture Medium On The Growth Of <i>Pythium Ultimum</i> And <i>Phytophthium Vexans</i> <b>Karmila, M, A. Widiastuti, A. Wibowo, Suryanti</b>
14C	<b>Ali Wafa</b>	Utilizing Of Endhopytic Fungal For Reducing The <i>Echinochloa Crus-Galli</i> Allelopath Effect On Rice <b>Wafa, A, R. Masnilah, F. Rachmawati</b>
15C	<b>Roosmarrani Setiawati</b>	Molecular Identification Of Mycoparasites Associated With <i>Hemileia Vastatrix</i> , The Causal Pathogen Of Coffee Leaf Rust Disease In Indonesia <b>Setiawati, R, A. Widiastuti, A. Wibowo, A. Priyatmojo</b>
16C	<b>Hersanti</b>	Ability Of Trichoderma Harzianum Mixed With Nano Silica To Induce Resistance Of Shallots To Purple Spot Disease { <i>Alternaria Porri</i> (Ell.) Cif} <b>Hersanti, K.F. Azahra, Sudarjat</b>



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### ROOM IV: MYCOLOGY 2

#### MYCOLOGY 2, SESSION 1.

Moderator : Dr. Alfi Inayati SP. MP

Time : 08.00 – 09.00

ID	Presenter	Abstract
1D	<b>Bayo Alhusaeri Siregar</b>	Pathogen Identification And Control Of Quambalaria Leaf And Shoot Blight Disease On <i>Eucalyptus Pellita</i> <b>Siregar, B.A, Halimah, P. Nuri, A. Gafur, B. Tjahjono</b>
2D	<b>Umi Kulsum</b>	Forecasting Model Of Rice Blas Disease ( <i>Pyricularia oryzae</i> ) <b>Kulsum, U, R. Maryana, C. Irwan, N.I. Hidayat</b>
3D	<b>Suwandi</b>	Infection Interference of <i>Ganoderma boninense</i> on Oil Palm Seedling by Taro Plants <b>Suwandi, M. Alesia, Suparman, C. Irsan, A. Muslim</b>
4D	<b>Sri Wahyuni Budiarti</b>	Effect Of Environmental Conditions On Mycelial Growth In Different Isolates Of <i>Rhizoctonia Solani</i> Causing Banded Leaf And Sheath On Maize <b>Budiarti, S. W, R. Lukman, A. Wibowo, C. Sumardiyono, A. Priyatmojo</b>

#### MYCOLOGY 2, SESSION 2.

Moderator : Endah Yulia, S.P., M.Sc.,PhD

Time : 09.05 – 10.05

ID	Presenter	Abstract
5D	<b>Sumartini</b>	Detection Seedborn Fungi on Soybean <b>Sumartini, S.W Indiati</b>
6D	<b>Mansyah Siregar</b>	Testing The Effectiveness Of Hexaconazol Active Ingredients Fungicide To Inhibit The Development Of Leaf Fall Disease (Pestalotiopsis Sp.) On Rubber Trees (Havea Brasiliensis) From Toru And Betsy Bandar Estate <b>Siregar, M.</b>
7D	<b>Herry Nirwanto</b>	Distribution Of Downy Mildew ( <i>Peronosclerospora Maydis</i> ) On Corn Plants Based On Geospatial Approach On Puri Village, Mojokerto District <b>Nirwanto, H, K. Amara, L. Imanadi</b>
8D	<b>Mutia Erti Dwiastuti</b>	Prospects Of Botanical Agents For Control Of Post-Harvest Diseases Of Citrus And Other Subtropics Fruits In Indonesia <b>Dwiastuti, M.E., T.G. Aji, T. Honestin</b>





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### MYCOLOGY 2, SESSION 3.

Moderator : Dr. Ir. Herry Nirwanto, MP

Time : 10.10 – 11.10

ID	Presenter	Abstract
9D	<b>Ni'matuljannah Akhsan</b>	Isolation of Entomopathogenic Fungi and their Pathogenicity Test <i>Akhsan, N, E. A. Syaifudin, T.D. Anggraini</i>
10D	<b>Eka Wisdawati</b>	Disease Severity Of Safira Taro Leaf Blight (Phytophthora Colocasiae) In South Sulawesi <i>Wisdawati, E, T. Kuswinanti, A. Rosmana, A. Nasruddin</i>
11D	<b>R. Soelistijono</b>	The Effect Of Using Rhizoctonia Mycorrhizae And Watering Intervals On Vegetative Growth Of Dendrobium Violaceoflavens Seedling Against Water Stress <i>Soelistijono, R., D.S. Utami, I.C. Pewita</i>
12D	<b>Alfizar Alfizar</b>	Cendawan Endofit dan Eksofit Asal Bonggol Pisang Awak Dari Aceh. Karakteristik Morfologi dan Potensinya Dalam menghambat Penyakit Layu Fusarium Secara in vitro <i>Alfizar, L. Hakim, S. Yulianti</i>

### MYCOLOGY 2, SESSION 4.

Moderator : Dr. Anton Muhibuddin, SP, MP

Time : 11.15 – 12.15

ID	Presenter	Abstract
13D	<b>Tunjung Pamekas</b>	Induce Resistance Of Chilli Plants To Fusarium Wilt Disease By Application Of Endophytic Fungi <i>Pamekas, T., N. Zahara, U.K.J. Suharjo, H. Busataman</i>
14D	<b>Muhammad Nurdin</b>	Fungal Detection In Four Rice Seed Varieties From Rice Seed Producer In Lampung <i>Nurdin, M., T. Maryono, A.Y. Kususma, Ermawati</i>
15D	<b>Abdul Latief Abadi</b>	Potential Test of <i>Trichoderma</i> sp. Fungus as In-Vivo Bioremediator of Mancozeb Fungicide on Potato Plants <i>Abadi, A.L., F.A. Choliq, M. Oktavianita</i>



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### ROOM V: PLANT DISEASE MANAGEMENT 1

#### PLANT DISEASES MANAGEMENT 1, SESSION 1

Moderator : Eriyanto Yunsnawan, SP, PhD.

Time : 08.00 – 09.00

ID	Presenter	Abstract
1E	<b>Safira Rizki Lestari</b>	Quorum Quenching Activity Of Rhizosphere Bacteria From Soil In Bumiaji, Batu City, East Java Inhibiting <i>Pectobacterium carotovorum</i> Virulence In <i>Daucus carota</i> L. <b>Lestari, S.R.</b>
2E	<b>Joko Prasetyo</b>	Effect Of <i>Trichoderma Asperellum</i> And Black Curcuma Extract On Downy Mildew And The Growth Of Corn Plant <b>Prasetyo, J, T.N. Aeny, T.P. Rahmadanti, Sudiono, C. Ginting, H.M. Akin, R. Suharjo</b>
3E	<b>Yusmar Mahmud</b>	Uji Beberapa Konsentrasi Ekstrak Biji Pinang ( <i>Areca Catechu</i> L.) Dalam Mengendalikan Hama Larva Kumbang Tanduk ( <i>Oryctes Rhinoceros</i> ) Pada Tanaman Kelapa Sawit <b>Mahmud, Y, I. Lorenza, S. Zulaiha</b>
4E	<b>Riza Ulil Fitria</b>	Leaf Extract Of Pagoda Flower And Leaf Extract Of Spine Spinach For Suppressing The Development Of Pest And Disease In Chilli <b>Fitria, R.U., R. Sandrakirana, Handoko, Baswarsiati, C. Hermanto, E. Latifah</b>

#### PLANT DISEASES MANAGEMENT 1, SESSION 2

Moderator : Ir. Sopialena, MP., Ph.D

Time : 09.05 – 10.05

5E	<b>Wiwiek Sri Wahyuni</b>	Control of Rice Blast Disease with MoL suspension in Gumukmas, Jember <b>Wahyuni, W.S, A.R. Rizqon</b>
6E	<b>Andi Khaeruni</b>	Biological Control Of Rot Root Disease ( <i>Phytophthora palmivora</i> ) On Cocoa Plant In The Nursery Using Endophytic Bacteria <b>Khaeruni, A, R. Rahmahwati, L.O.S. Bande, T. Wijayanto, G.A.K. Sutariati</b>
7E	<b>Loekas Soesanto</b>	Effervescent Tablet Formulation of <i>Trichoderma harzianum</i> Secondary Metabolites toward Fusarium Wilt on Pepper <b>Soesanto, L., D.H. Ikkal, E. Mugisatuti, Tamad</b>
8E	<b>Fitri Widiyanti</b>	Antagonistic activity of rice endophytic bacteria against bacterial leaf blight disease of rice caused by <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> (Ishmaya) <b>Widiyanti, F, A. Lestari</b>



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### PLANT DISEASES MANAGEMENT 1, SESSION 3

Moderator : Dr. Ir. Luciana Djaya M.Si.

Time : 10.10 – 11.10

ID	Presenter	Abstract
9E	<b>Lilik Koemihar tono Putra</b>	Sugarcane Smut Disease In Indonesia: Epidemic Occurrences And Integrated Management Approaches <i>Putra, L.K, A. Kristini, W.W. Jati</i>
10E	<b>Susiana Purwantis ari</b>	Remedying <i>Fusarium</i> sp And <i>Phytophthora infestan</i> Infection To Increase Potato Production Using <i>Trichoderma harzianum</i> Treatment <i>Purwantisari, S, H. Sitepu, R.S. Ferniah, S.N. Jannah, Martini</i>
11E	<b>Islaminati Anna Santika</b>	Resistance Of <i>Phytophthium vexans</i> Against Fungicides In In Vitro Test <i>Santika, I.A, A. Wibowo, Suryanti, C. Sumardiyono, A. Widiastuti</i>
12E	<b>Hurin Nabila Aghnia Ilma</b>	Application Of Suppressive Organic Material And <i>Trichoderma</i> Sp. For Molar Disease Management <i>Ilma, H.N.A., A. Wibowo, T. Joko, S. Subandiyah</i>

### PLANT DISEASES MANAGEMENT 1, SESSION 4

Moderator : Dr. Ir. Lilik K. Putra M. Agr. St.

Time : 11.15 – 12.15

ID	Presenter	Abstract
13E	<b>Luciana Djaya</b>	Diseases On Golden Berry ( <i>Physalis peruviana L.</i> ) At Kabupaten Sumedang, West Java <i>Djaya, L, W. Kurniawan, I.C. Sentika</i>
14E	<b>Novi Hervianti Putri</b>	Application Of Organic Material Enriched With Bacterial Consortium And <i>Fusarium</i> Sp. For Molar Diseases Management On Shallot <i>Putri, N.H, A. Wibowo, T. Joko, S. Subandiyah</i>
15E	<b>Martinius</b>	The Use Of Chitosan To Control Stem-End Rot Disease In Avocado ( <i>Lasiodiplodia theobromae</i> (Pat.) Griffon & Maubl) And To Increase The Length Of Fruit Shelf-Life <i>Martinius, Yunisman, T.P. Kurnia</i>



# PANTIA KONGRES PFI XXVI DAN SEMINAR INTERNATIONAL

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## ROOM VI: PLANT DISEASE MANAGEMENT 2

### PLANT DIS. MANAGEMENT 2 , SESSION 1

Moderator : Dr. Ir. Hendri Bustamam, MS

Time : 08.00 – 09.00

ID	Presenter	Abstract
1F	<b>Sri Rahayu</b>	Responses Of Five Mangium ( <i>Acacia mangium</i> ) Provenances To Different <i>Ceratocystis</i> Sp. Isolates Causing Wilt Disease <i>Rahayu, S, A.I.N. Aida, E.B. Hardiyanto</i>
2F	<b>Sri Rahayu</b>	Monitoring Of <i>Ganoderma</i> Spp. Infestation At The Arboretum Of Universitas Gadjah Mada, Yogyakarta, Indonesia: Implications For Tree Health Care Recommendation <i>Rahayu, S, V. Cahyanto, G. Anggara, D.S. Utomo</i>
3F	<b>Suskandini R Dirmawati</b>	Decreased Fusarium Wilt And Abundance Of Insects In Shallot Affected By Plant Growth Promoting Microorganism <i>Dirmawanti, S.R., L. Wibowo, A.M. Hariri, Purnomo</i>
4F	<b>Noor Istifadah</b>	The Abilities Of Bacteria And Yeast From Vermicompost Water Extract To Inhibit <i>Alternaria solani</i> Sor In Vitro And Suppress Early Blight Disease In Tomato <i>Istifadah, N, R.A. Putri, S. Hartati, F. Widiyantini</i>

### PLANT DIS. MANAGEMENT 2, SESSION 2

Moderator : Dr. Suryanti SP. MP.

Time : 09.05 – 10.05

ID	Presenter	Abstract
5F	<b>Ayu Kartini Parawansa</b>	Confirming the association of <i>Phytophthora palmivora</i> with stem cancer on cocoa in Sulawesi <i>Parawansa, A.Y., A. Nunung, A. Musa</i>
6F	<b>Mohammed Al-Hadi Ibrahim Bosha Ahmed</b>	Potential of Indigenous Yeast as a Paraquat Biodegradation Agent in Sumberbrantas, Batu City, Indonesia <i>Ahmed, M.A.H.I.B</i>
7F	<b>Hendri Bustamam</b>	Plant Growth Promotion Microbes And Biocontrol Agents Consortium Organic Fertilizer To Bacterial Wilt Control And Chili Growth <i>Bustamam, H, Hartal, O.F.A. Fauzi</i>
8F	<b>Moralita Chatri</b>	Potensial Of <i>Melastoma Malabathricum</i> Leaf Extract As Antifungal Against <i>Fusarium Oxysporum</i> And <i>Sclerotium Rolfsii</i> <i>Chatri, M., Jumjunidang, Z. Aini, F.D. Suryendra</i>



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## PLANT DIS. MANAGEMENT 2, SESSION 3

Moderator : Prof. Ir. Tarkus Suganda, M.Sc. PhD

Time : 10.10 – 11.10

ID	Presenter	Abstract
9F	<b>Ayuning Tyas Dwi Ana Pratiwi</b>	First Infection Of <i>Phytophthora Palmivora</i> In A New Established Cocoa Plantation <b>Pratiwi, A.T.D.A, D.W. Rokhmaningsih, A. Ferdiansyah, A. Purwantara</b>
10F	<b>Desty Aulia Putrantri</b>	<b>Sweet Corn Resistance To Blight Disease By Biochar Application</b> <i>Putrantri, D.A., S.R. Dirmawati, A. Karyanto, D. Pangaribuan, A. Niswati</i>
11F	<b>Milda Ernita</b>	Response Of Onion Resistance Induced By Rhizobacteria Application <b>Ernita, M., Y. Desi, Ermawati</b>
12F	<b>Triwidodo Arwiyanto</b>	Current Problem and Progress in the Control of Solanaceous Bacterial Wilt caused by <i>Ralstonia solanacearum</i> in Indonesia <b>Arwiyanto, T.</b>

## PLANT DIS MANAGEMENT 2, SESSION 4

Moderator : Dr. Ir. Ayu Kartini Parawansa, MP

Time : 11.15 – 12.15

ID	Presenter	Abstract
13F	<b>Alfizar Alfizar</b>	Efikasi Metabolit Sekunder <i>Trichoderma</i> sp dan <i>Pseudomonas fluorescens</i> dalam menghambat serangan penyakit layu <i>Fusarium</i> pada pisang Awak di Aceh <b>Alfizar, A. Resdiar, I. Putra, H. Bustamam</b>
14F	<b>Titik Nur Aeny</b>	The Effect of <i>Trichoderma</i> sp. Spore Density and Molasses Concentration on The Disease Intensity of Downy Mildew and The Growth of Maize ( <i>Zea mays</i> L.) <b>Prasetyo, J., T.N. Aeny, T.P. Rahmadanti, Sudiono, C. Ginting, H.M. Akin, R. Suharjo</b>
15F	<b>Tarkus Suganda</b>	<i>In-Vitro</i> Study On The Effect Of Infusion Of Leaves And Stems Of Elephant Foot Yam ( <i>Amorphophallus</i> Sp.) Against <i>Fusarium Oxysporum</i> The Incitant Of <i>Fusarium</i> Wilt Disease Of Tomato <b>Suganda, T, Y.E. Nirmalasari</b>



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### ROOM VII: VIROLOGY

VIROLOGY, SESSION 1		
Moderator : Dr. Ir. Sedyo Hartono, MP.		
Time : 08.00 – 09.00		
ID	Presenter	Abstract
1G	<b>Ruth Feti Rahayuniati</b>	Molecular Characteristics Of Geographically Different Banana Bunchy Top Virus In Indonesia And Its Implication For Disease Management <i>Rahayuniati, R.F., R.E.K. Kurniawan, S. Hartono, S. Somowiyarjo, S. Subandiyah</i>
2G	<b>Andri Saputra</b>	Pepper Yellow Leaf Curl Disease On Chili Peppers In Bengkulu And Seedborne Transmission <i>Saputra, A., S.H. Hidayat, M. Sutrawati</i>
3G	<b>Des Yanto</b>	Survey And Detection Of Ringspot Disease On Papaya Plants In North Sumatra <i>Yanto, D., S.H. Hidayat, Lisnawita</i>
4G	<b>Niken Nur Kasim</b>	Detection And Distribution Of Viruses Infecting Peanut In South Sulawesi <i>Kasim, N.N., T.A. Damayanti, S.H. Hidayat, S. Santoso</i>

VIROLOGY, SESSION 2		
Moderator : Fery Abdul Choliq SP. M.Sc.		
Time : 09.05 – 10.05		
ID	Presenter	Abstract
5G	<b>Susanto Somowiyarjo</b>	Evaluation Of Tea Extracts For Antiviral Activity Against <i>Rehmannia mosaic virus</i> And <i>Onion yellow dwarf virus</i> <i>Somowiyarjo, S., N.C. Ramadhani, A. Vianissa, Nurviani</i>
6G	<b>Tri Asmira Damayanti</b>	Utilizing Of Chitinolytic Bacteria To Inhibit Transmission Of <i>Cucumber mosaic virus</i> strain Soybean (CMV-S) By Aphid On Soybean <i>Damaiyanti, K.C., Giyanto, T.A. Damayanti</i>
7G	<b>Mustika Ajeng Kartini Putri</b>	Molecular Characterization Of Non-Coding Dna Satellite Associated With Yellow Mosaic Disease In Yardlong Bean <i>Pertiwi, M.A.K.P, S. Hartono, S. Somowiyarjo, S. Sulandari, Argawi Kandito</i>



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### VIROLOGY, SESSION 3

Moderator : Dr. Ir. Anang Triwiratno, M.P

Time : 10.10 – 11.10

ID	Presenter	Abstract
8G	<b>MIMI SUTRAWATI</b>	Squash leaf curl china virus associated with Yellow Mosaic Disease of melon ( <i>Cucumis melo</i> ) in bengkulu, indonesia <b>SUTRAWATI, M. SIPRIYADI, PARWITO</b>
9G	<b>MAHFUT</b>	ANTAGONISTIC TEST OF ORCHID MYCORRHIZA AGAINST ORSV ON <i>PHALAENOPSIS AMABILIS</i> L. (BLUME) <b>MAHFUT</b>
10G	<b>MAHFUT</b>	SECONDARY METABOLITE ANALYSIS OF ORCHID MYCORRHIZA ANTAGONIST TEST RESULTS AGAINST ORSV <b>MAHFUT</b>

### VIROLOGY, SESSION 4

Moderator : Prof. Dr. Ir. Sri Hendrastuti Hidayat, M.Sc.

Time : 11.15 – 12.15

ID	Presenter	Abstract
11G	<b>Lenny Hartati</b>	Identification Of <i>Papaya Ringspot Virus-P</i> Using <i>Transcription Polymerase Chain Reaction</i> (Rt-Pcr) In Papaya Leaves And Seeds And Nucleothide Sequence Analysis In North Sumatra <b>Hartati, L, D. Bakti, Lisnawita, Rafiqi</b>
12G	<b>Berliananda Maranditya</b>	Utilization of Plant Growth Promoting Rhizobacteria (PGPR) to Increase The Quality and Resistance of Seedling <i>Oryza sativa</i> L. to Against Tungro Disease. <b>Maranditya, B, M. Martosudiro</b>
13G	<b>Muhammad Shafiq Shahid</b>	Frequent Occurrence Of <i>Mungbean Yellow Mosaic India Virus</i> In Tomato Leaf Curl Disease Affected Tomato In Oman <b>Shahid, M.S., M. Shafiq, M. Ilyas, A. Raza, M. Al-Sadi, R.W. Briddon</b>