



STAFF HANDBOOK



IPB University
— Bogor Indonesia —

**Study Program of Agronomy and Horticulture
Department of Agronomy and Horticulture
Faculty of Agriculture
IPB University**

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PLANT BIOTECHNOLOGY

Name	Prof Dr Ir Sudarsono, MSc												
Post	Plant Biotechnology												
Academic career	<table border="0"> <tr> <td><i>Bachelor in Agronomy</i></td><td><i>IPB University</i></td><td><i>1984</i></td></tr> <tr> <td><i>Magister in Horticultural Science</i></td><td><i>North Carolina State University</i></td><td><i>1985</i></td></tr> <tr> <td><i>Doctor in Crop Science</i></td><td><i>North Carolina State University</i></td><td><i>1993</i></td></tr> </table>			<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1984</i>	<i>Magister in Horticultural Science</i>	<i>North Carolina State University</i>	<i>1985</i>	<i>Doctor in Crop Science</i>	<i>North Carolina State University</i>	<i>1993</i>	
<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1984</i>											
<i>Magister in Horticultural Science</i>	<i>North Carolina State University</i>	<i>1985</i>											
<i>Doctor in Crop Science</i>	<i>North Carolina State University</i>	<i>1993</i>											
Employment	Professor	IPB University	35										
Research and development projects over the last 5 years	<i>Name of project or research focus</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>												
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>												
Patents and proprietary rights	<table border="0"> <tr> <td><i>Coconut- A Book Chapter in Biotechnology of Plantation Crops (Chapter 11)</i></td><td><i>2017</i></td></tr> <tr> <td><i>The theoretical foundation and application of genetics and environmental engineering to increase crop production</i></td><td><i>2017</i></td></tr> <tr> <td><i>Indonesian Agricultural Genome Centre</i></td><td><i>2018</i></td></tr> <tr> <td><i>Snap (single nucleotide amplified polymorphism based on DNA sequence from genomic generic stearylacyl carrier protein desaturase (sad) indicators as indicators of fat acid content on palm oil</i></td><td><i>2018</i></td></tr> <tr> <td><i>Status of Kopyor Coconut Research and Development in Indonesia</i></td><td><i>2018</i></td></tr> </table>			<i>Coconut- A Book Chapter in Biotechnology of Plantation Crops (Chapter 11)</i>	<i>2017</i>	<i>The theoretical foundation and application of genetics and environmental engineering to increase crop production</i>	<i>2017</i>	<i>Indonesian Agricultural Genome Centre</i>	<i>2018</i>	<i>Snap (single nucleotide amplified polymorphism based on DNA sequence from genomic generic stearylacyl carrier protein desaturase (sad) indicators as indicators of fat acid content on palm oil</i>	<i>2018</i>	<i>Status of Kopyor Coconut Research and Development in Indonesia</i>	<i>2018</i>
<i>Coconut- A Book Chapter in Biotechnology of Plantation Crops (Chapter 11)</i>	<i>2017</i>												
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<i>Snap (single nucleotide amplified polymorphism based on DNA sequence from genomic generic stearylacyl carrier protein desaturase (sad) indicators as indicators of fat acid content on palm oil</i>	<i>2018</i>												
<i>Status of Kopyor Coconut Research and Development in Indonesia</i>	<i>2018</i>												
Important publications over the last 5 years	<i>total number of publication: 49</i> <i>Sudarsono</i> <i>Genetic diversity analysis of Tenera x Tenera and Tenera x Pisifera Crosses and D self of oil palm (Elaeis guineensis) parental populations originating from Cameroon</i> <i>Biodiversitas Journal, 2019, 20(4), 937-949, ISSN:1412033/20854722</i>												
	Organisation	Role	Period										

Activities in specialist bodies over the last 5 years	<i>Membership without a specific role need not be mentioned</i>
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Name	Prof Dr Ir Bambang Sapta Purwoko, MSc		
Post	Plant Biotechnology		
Academic career	Bachelor in Agronomy	IPB University	1983
	Magister in Plant Biotechnology	North Carolina State University	1989
	Doctor	North Carolina State University	1993
Employment	Professor	IPB University	36
Research and development projects over the last 5 years	Perakitan varietas padi produksi rata-rata > 11 ton GKG/ha dan Mutu hasil setara varietas ciherang 2016- Partners, if applicable Rp 150.990.000		
Industry collaborations over the last 5 years	Project title Partners		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	total number of publication: 48 Bambang Sapta Purwoko, Desta Wirnas, Sugiyanta Genotype by Environment Interaction and Yield Stability Analysis of Doubled Haploid Lines of Upland Rice SABRAO Journal of Breeding and Genetics, 2019, 51(2), 191-204, ISSN:1029-7073/2224-8978		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	Society for the Advancement of Breeding Research in Asia and Oceania (SABRAO)	General secretary	2016-2019
	Membership without a specific role need not be mentioned		

Name	<i>Prof Dr Ir Agus Purwito, MScAgr</i>		
Post	<i>Biotechnology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1986</i>
	<i>Magister in Plant Biotechnology</i>	<i>Universitaet Gottingen</i>	<i>1987</i>
	<i>Doctor in Plant Breeding and Biotechnology</i>	<i>IPB University</i>	<i>1999</i>
Employment	<i>Professor</i>	<i>IPB University</i>	<i>33</i>
Research and development projects over the last 5 years	<i>Pelaksanaan Pekerjaan Pengembangan Industri Benih Padi IPB 3S Di Sentra Produksi Padi</i> <i>2017</i> <i>Direktorat Jenderal dan Direktorat Inovasi Industri</i> <i>Rp 2.970.000.000</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Potato variety release: Katinenung</i>		<i>2017</i>
	<i>Good Handling Practices Red Fruit (Buah Merah)</i>		<i>2017</i>
Important publications over the last 5 years	<i>total number of publication: 30</i> <i>Agus Purwito</i> <i>Secondary Metabolites change under vernalization and its relation to flowering competency in shallot</i> <i>Rayasan Journal of Chemistry, 2019, 12 (3), ISSN: 0974-1496, 0976-0083</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	Dr Ir Darda Efendi, MSi		
Post	Biotechnology		
Academic career	Bachelor in Agronomy	IPB University	1986
	Magister in Agronomy	IPB University	1989
	Doctor in Horticultural Science	University of Florida	2003
Employment	Associate Professor	IPB University	31
Research and development projects over the last 5 years	New Papaya Variety Development for Increasing Competitiveness of Indonesian Horticultural Products 2016 Kemenristekdikti (Stranas) Rp 90.000.000		
Industry collaborations over the last 5 years	Project title Partners		
Patents and proprietary rights	Title		Year
Important publications over the last 5 years	total number of publication: 53 Darda Efendi Isolation and Characterization of cDNA Clones Encoding a Novel Subfamily Sporamin B in Sweet Potato Biodiversitas, 2019, 20(10), 3033-3041, ISSN:1412-033X/2085-4722		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	Indonesian Society of Agronomy	Research and Development	2019-2022
	Membership without a specific role need not be mentioned		

Name	<i>Ir Nurul Khumaida, MSi, Ph.D</i>		
Post	<i>Plant Biotechnology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1989</i>
	<i>Magister in Plant Biotechnology</i>	<i>IPB University</i>	<i>1995</i>
	<i>Doctor in Agricultural and Environmental Biology</i>	<i>University of Tokyo</i>	<i>2002</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>25</i>
Research and development projects over the last 5 years	<i>Cassava development for high yield and better tolerance for AI-Toxicity: Physiology and molecular approaches</i> <i>2016</i> <i>Kemenristekdikti</i> <i>Rp 175.000.000</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Snap (single nucleotide amplified polimorphism based on DNA sequence from genomic generic stearylacyl carrier protein desaturase (sad) indicators as indicators of fatic acid content on palm oil</i>		<i>2018</i>
Important publications over the last 5 years	<i>total number of publication: 54</i> <i>Nurul Khumaida, Sintho Wahyuning Ardie</i> <i>Different Root Anatomical Changes in Salt-tolerant and Salt-sensitive Foxtail Millet Genotypes</i> <i>AGRIVITA Journal of Agricultural Science, 2019, 41(1), 88-96, ISSN:0126-0537/2302-6766</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Indonesian Society of Agronomy</i>	<i>Research and Development</i>	<i>2019-2022</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Dr Dewi Sukma SP, MSi</i>		
Post	<i>Plant Biotechnology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1994</i>
	<i>Magister in Plant Breeding and Biotechnology</i>	<i>IPB University</i>	<i>1997</i>
	<i>Doctor in Plant Breeding and Biotechnology</i>	<i>IPB University</i>	<i>2008</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>23</i>
Research and development projects over the last 5 years	<i>Name of project or research focus</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Status of Kopyor Coconut Research and Development in Indonesia</i>		<i>2018</i>
Important publications over the last 5 years	<i>total number of publication: 35</i> <i>Dewi Sukma</i> <i>The morphological and phytochemical studies on the effect of acute and recurrent irradiation in Celosia cristata seeds</i> <i>Biodiversitas, 2019, 20(12), ISSN: 1412033X, 20854722</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Indonesian Society of Agronomy</i>	<i>Sertification and Accreditation</i>	<i>2019-2020</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Dr Ir Diny Dinarti, MSi</i>		
Post	<i>Plant Biotechnology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1991</i>
	<i>Magister in Plant Breeding and Biotechnology</i>	<i>IPB University</i>	<i>1992</i>
	<i>Doctor in Plant Breeding and Biotechnology</i>	<i>IPB University</i>	<i>2012</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>28</i>
Research and development projects over the last 5 years	<i>Name of project or research focus</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Beetle bug trap</i>		<i>2018</i>
	<i>Status of Kopyor Coconut Research and Development in Indonesia</i>		<i>2018</i>
Important publications over the last 5 years	<i>total number of publication: 24</i> <i>Diny Dinarti, Sudarsono</i> <i>SSR identification and marker development for sago palm based on NGS genome data</i> <i>Breeding Science, 2019, 69(1), 1-10, ISSN:1344-7610,1347-3735</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Indonesian Society of Agronomy</i>	<i>Treasury</i>	<i>2019-2020</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Dr Awang Maharijaya, SP, MSi</i>		
Post	<i>Plant Biotechnology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>2003</i>
	<i>Magister in Agronomy</i>	<i>IPB University</i>	<i>2005</i>
	<i>Doctor in Tissue culture</i>	<i>Wageningen University</i>	<i>2013</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>15</i>
Research and development projects over the last 5 years	<i>Potato variety development for processing and industrial product</i> <i>2016</i> <i>Kemenristekdikti (Stranas)</i> <i>Rp 90.000.000</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Potato variety release: Katinenung</i> <i>2017</i>		
Important publications over the last 5 years	<i>total number of publication: 37</i> <i>Awang maharijaya</i> <i>Genetic Variation in Phytochemicals in Leaves of Pepper (Capsicum) in Relation to Thrips Resistance</i> <i>Arthropod-Plant Interactions, 2019, 12(1), 1-9, ISSN:1872-8847/1872-8855</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Indonesian Breeding Science Society (PERIPI)</i>	<i>General Secretary</i>	<i>2018-2022</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	Dr Sintho Wahyuning Ardie, SP, MSi		
Post	Plant Breeding and Abiotic Stress Physiology		
Academic career	Bachelor in Agronomy	IPB University	2004
	Magister in Agronomy	IPB University	2005
	Doctor in Agricultural and Environmental Biology	University of Tokyo	2010
Employment	Senior Lecturer	IPB University	15
Research and development projects over the last 5 years	Development of Hotong (Setaria italica (L.) Beauv.) with Drought and Salinity Tolerant to Increase Food Security through Molecular Physiology and Biotechnology Approaches 2016 Penelitian Unggulan Mandat Pusat Rp 99.500.000		
Industry collaborations over the last 5 years	Project title Partners		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	total number of publication: 43 Sintho W Ardie Different Root Anatomical Changes in Salt-tolerant and Salt-sensitive Foxtail Millet Genotypes AGRIVITAS Journal of Agricultural Science, 2019, 41(1), ISSN: 0126-0537/2302-6766		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	Membership without a specific role need not be mentioned		

Name	Dr Ir Ni Made Armini Wiendi, MS		
Post	Plant Biotechnology		
Academic career	Bachelor in Agronomy	IPB University	1985
	Magester In vitro Breeding	IPB University	1987
	Doctor in vitro Breeding	IPB University	2005
Employment	Senior Lecturer	IPB University	33
Research and development projects over the last 5 years	Name of project or research focus Period and any other information Partners, if applicable Amount of financing		
Industry collaborations over the last 5 years	Project title Partners		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	total number of publication: 14 Ni Made Armini W Shoot Tips Derived-somatic Embryogenesis in Mass Propagation of DendrobiumIndonesia Raya 'Ina' Emirates Journal of Food and Agriculture, 2015, 27(11), ISSN/DOI: 2079-052X/2079-0538		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	Membership without a specific role need not be mentioned		

Name	<i>Dr Ir Megayani Sri Rahayu, MS</i>		
Post	<i>Plant Biotechnology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>Bengkulu University</i>	<i>1987</i>
	<i>Magister in Plant Breeding and Biotechnology</i>	<i>IPB University</i>	<i>1988</i>
	<i>Doctor in Plant Breeding and Biotechnology</i>	<i>IPB University</i>	<i>2018</i>
Employment	<i>Senior Lecturer</i>	<i>IPB University</i>	<i>32</i>
Research and development projects over the last 5 years	<i>Name of project or research focus</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Status of Kopyor Coconut Research and Development in Indonesia</i>		<i>2018</i>
Important publications over the last 5 years	<i>total number of publication: 5</i> <i>Megayani Sri rahayu, Asep Setiawan, Agus Purwito, Sudarsono</i> <i>Seleksi Pendonor Serbuk Sari Sifat Kuantitas Endosperma Skor Tinggi pada Kelapa Dalam Kopyor</i> <i>Jurnal Agronomi Indonesia, 2019, 47(10), 97-104, ISSN: 2337-3652/2085-2916</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Indonesian Society of Agronomy</i>	<i>Community Services and Emprwerment</i>	<i>2019-2020</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Shandra Amarilis, SP. MSi</i>		
Post	<i>Plant Biotechnology</i>		
Academic career	<i>Master</i>	<i>IPB University</i>	<i>2015</i>
	<i>Habilitation -</i>	<i>Institution</i>	<i>Year</i>
	<i>(subject)</i>	<i>Institution</i>	<i>Year</i>
	<i>Agronomy and Horticulture</i>	<i>IPB University</i>	<i>2014</i>
Employment	<i>Junior Lecturer</i>	<i>IPB University</i>	<i>5</i>
Research and development projects over the last 5 years	<i>Name of project or research focus</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i>	<i>Year</i>	
Important publications over the last 5 years	<i>total number of publication: 2</i> <i>Shandra Amarilis</i> <i>Effectiveness of Biofertilizers on Growth and Yield Components of Broccoli</i> <i>comm. Horticulturae Journal, 2018, 2(3), ISSN/DOI: 2580-6327/2580-2100</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Membership without a specific role need not be mentioned</i>		

GENETICS AND PLANT BREEDING

Name	Prof Dr Ir Surjono Hadi Sutjahjo, MS		
Post	Genetics and Plant Breeding		
Academic career	Bachelor in Agronomy	IPB University	1982
	Magister in Plant Breeding	IPB University	1985
	Doctor in Plant Breeding	IPB University	1994
Employment	Professor	IPB University	35
Research and development projects over the last 5 years	Mung bean breeding for yield improvement through mutation technique 2016 Partners, if applicable ± IDR 120.000.000/year		
Industry collaborations over the last 5 years	Project title Partners		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	total number of publication 33 Surjono Hadi Sutjahjo The Model of Biogas Utilization from Livestock Manure Using Farmer Group Approach to Meet Alternative Energy at Household Scale International Journal of Sciences: Basic and Applied Research, 2019, 43(1), 57-66. ISSN: 2307-4531		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	Indonesian Breeding Science Society (PERIPI)	Sterring committee	2018-2022
	Membership without a specific role need not be mentioned		

Name	<i>Prof Dr Ir Sobir, MSi</i>		
Post	<i>Genetics and Plant Breeding</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1986</i>
	<i>Magister in Plant Breeding and Biotechnology</i>	<i>IPB University</i>	<i>1989</i>
	<i>Doctor in Natural Science and Technologi</i>	<i>Okayama University</i>	<i>2000</i>
Employment	<i>Position</i>	<i>IPB University</i>	<i>31</i>
Research and development projects over the last 5 years	<i>National Shallot Development to Support Food Security for Climate Change Anticipation</i> <i>2016</i> <i>Kemenristekdikti (Penelitian Institusi)</i> <i>± IDR 1.000.000.000/year</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Potato variety release: Katinenung</i> <i>2017</i>		
Important publications over the last 5 years	<i>total number of publication: 81</i> <i>Sobir</i> <i>A Metabolomics-based Approach for the Evaluation of off-tree Ripening Conditions and Different Postharvest Treatments in Mangosteen (Garcinia mangostana)</i> <i>Metabolomics, 2019, 15(5), ISSN/DOI: 1573-3882/1573-3890</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Society for the Advancement of Breeding Research in Asia and Oceania (SABRAO)</i>	<i>Third Vice President</i>	<i>2016-2019</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Prof Dr Muhammad Syukur, SP, MSi</i>		
Post	<i>Genetics and Plant Breeding</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1997</i>
	<i>Magister in Plant Breeding</i>	<i>IPB University</i>	<i>2000</i>
	<i>Doctor in Plant Breeding</i>	<i>IPB University</i>	<i>2007</i>
Employment	<i>Professor</i>	<i>IPB University</i>	<i>20</i>
Research and development projects over the last 5 years	<i>Chili breeding for yield and quality improvement</i> <i>2016-now</i> <i>Partners, if applicable</i> <i>± IDR 200.000.000/year</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Variety release: 1: Chilli (IPB CH3); 2.Potato (Katineung); 3.Lowland tomato (Tora), 4.High Antioxidant Okra, 5.Purple and High Antioxidant Mungbean</i>		<i>2017</i>
Important publications over the last 5 years	<i>total number of publication: 91</i> <i>Muhammad Syukur, Trikoesoemaningtyas</i> <i>Variability of Curcumin, Demethoxycurcumin and Bisdemethoxycurcumin Contents in Ethanolic Extract from Ten Curcuma aeruginosa Roxb. Cultivated in West Java, Indonesia</i> <i>Asian Journal of Chemistry, 2019, 31(11), ISSN: 9707077</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Indonesian Breeding Science Society (PERIPI)</i>	<i>Chairman</i>	<i>2018-2022</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Dr Ir Hajrial Awidinnoor, MSc</i>		
Post	<i>Genetics and Plant Breeding</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1982</i>
	<i>Magister in Genetics and Plant Breeding</i>	<i>University of Wisconsin</i>	<i>1983</i>
	<i>Doctor in Genetics Area Program</i>	<i>University of Missouri</i>	<i>1991</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>37</i>
Research and development projects over the last 5 years	<i>IPB 3S and IPB 4S Variety Dissemination with IPB Rice Production Technology</i> <i>2016</i> <i>Kemenristekti (Penelitian Institusi)</i> <i>± IDR 800.000.000/year</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Paddy Lines realese: IPB 3S, IPB 4S, IPB 4R, IPB 5R, IPB 8G, IPN 159-F-7-1-1</i>		<i>2017</i>
Important publications over the last 5 years	<i>total number of publication: 34</i> <i>Harial Aswidinnoor, Sudarsono</i> <i>Promoter deletion analysis reveals root-specific expression of the alkenal reductase gene (OsAER1) in Oryza sativa</i> <i>Functional Plant Biology, 2019, 46(3), 376-391, ISSN:1445-4408</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Indonesian Breeding Science Society (PERIPI)</i>	<i>Sterring Committee</i>	<i>2018-2022</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Dr Desta Wirnas, SP, MSi</i>		
Post	<i>Genetics and Plant Breeding</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1995</i>
	<i>Magister in Plant Breeding and Biotechnology</i>	<i>IPB University</i>	<i>1997</i>
	<i>Doctor in Plant Breeding and Biotechnology</i>	<i>IPB University</i>	<i>2007</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>23</i>
Research and development projects over the last 5 years	<i>Sorghum breeding for leaf-rust resistance and quaaality improvement</i> <i>2016-now</i> <i>Partners, if applicable</i> <i>± IDR 150.000.000/year</i>		
Industry collaborations over the last 5 years	<i>Research on Yam Bean Cultivation for Tubers and Seeds</i> <i>PT Indopan Agro Energy</i>		
Patents and proprietary rights	<div><i>Title</i></div> <div><i>Year</i></div>		
Important publications over the last 5 years	<i>total number of publication: 41</i> <i>Desta Wirnas</i> <i>Genetic analysis on agronomic and quality traits of sorghum hybrids in indonesia</i> <i>SABRAO JOURNAL, 2017, 49/2, 192-200, ISSN: 1029-7073/2224-8978</i>		
Activities in specialist bodies over the last 5 years	<div><i>Organisation</i></div> <div><i>Role</i></div> <div><i>Period</i></div> <i>Society for the Advancement of Breeding Research in Asia and Oceania (SABRAO)</i> <i>Secretary general</i> <i>2019-2022</i> <i>Membership without a specific role need not be mentioned</i>		

Name	<i>Dr Ir Trikoesoemaningtyas, MSc</i>		
Post	<i>Genetics and Plant Breeding</i>		
Academic career	<i>Master in Environmental Biology</i>	<i>University of Guelph</i>	<i>1988</i>
	<i>Doctor in Plant breeding and Biotechnology</i>	<i>IPB University</i>	<i>2001</i>
		<i>Padjadjaran University</i>	<i>1997</i>
	<i>Bachelor in Plant Protection</i>		
Employment	<i>Senior Lecturer</i>	<i>IPB University</i>	<i>23</i>
Research and development projects over the last 5 years	<i>Sorghum breeding for yield, leaf-rust resistance and quaaity improvement</i> <i>2016-now</i> <i>Partners, if applicable</i> <i>± IDR 150.000.000/year</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i> <i>Year</i>		
Important publications over the last 5 years	<i>total number of publication: 39</i> <i>Trikoesoemaningtyas</i> <i>Genetic analysis on agronomic and quality traits of sorghum hybrids in indonesia</i> <i>SABRAO JOURNAL, 2017, 49/2, 192-200, ISSN: 1029-7073/2224-8978</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Indonesian Breeding Science Society (PERIPI)</i>	<i>International Relationship</i>	<i>2018-2022</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Dr Ir Yudiwanti W.E. Kusumo, MS</i>		
Post	<i>Genetics and Plant Breeding</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1986</i>
	<i>Magister in Plant breeding</i>	<i>IPB University</i>	<i>1988</i>
	<i>Doctor in Plant breeding</i>	<i>IPB University</i>	<i>1996</i>
Employment	<i>Senior Lecturer</i>	<i>IPB University</i>	<i>32</i>
Research and development projects over the last 5 years	<i>Wheat breeding for adaptation and yield improvement under tropical conditions</i> <i>2016-now</i> <i>± IDR 82.500.000/year</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i> <i>Year</i>		
Important publications over the last 5 years	<i>total number of publication: 22</i> <i>Yudiwanti W.E Kusumo</i> <i>Selection Index for Selecting Promising Doubled Haploid Lines of Black Rice</i> <i>Sabao Journal of Breeding and Genetics, 209, 54(4), ISSN/DOI: 1029-7073/2224-8978</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Indonesian Breeding Science Society (PERIPI)</i>	<i>Scientific Publication</i>	<i>2018-2022</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	Dr Willy Bayuardi Suwarno, SP, MSi		
Post	Plant Breeding		
Academic career	Bachelor in Agronomy	IPB University	2000
	Magister in Plant Breeding	IPB University	2005
	Doctor in Plant Breeding	University of Wisconsin	2012
Employment	Associate Professor	IPB University	15
Research and development projects over the last 5 years	Melon variety development for food security using genetic and environment study. 2016 Kemenristekdikti (Stranas) Rp 90.000.000		
Industry collaborations over the last 5 years	Maize breeding CIMMYT		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	total number of publication: 43 Willy Bayuardi Suwarno Provitamin A Carotenoids in Grain Reduce Aflatoxin Contamination of Maize While Combating Vitamin A Deficiency Frontiers in Plant Science, 2019, 10, 1-12, ISSN: 1664-462X		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	Indonesian Society of Agronomy	Communication and Publication	2019-2020
	Membership without a specific role need not be mentioned		

Name	<i>Anggi Nindita, SP, MSi</i>		
Post	<i>Genetics and Plant Breeding</i>		
Academic career	<i>Master in Plant Breeding</i>	<i>IPB University</i>	<i>2012</i>
	<i>Bachelor in Agronomy and Horticulture</i>	<i>IPB University</i>	<i>2010</i>
Employment	<i>Senior Lecturer</i>	<i>IPB University</i>	<i>8</i>
Research and development projects over the last 5 years	<i>Name of project or research focus</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i> <i>Year</i>		
Important publications over the last 5 years	<i>total number of publication: 10</i> <i>Anggi Nindita</i> <i>Carbon dioxide capture efficiency using algae biological absorbent and solid adsorbent for biogas purification</i> <i>Jurnal Teknologi, 2016, 78, 4-2, ISSN/DOI:0127-9696/2180-3722</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i> <i>Role</i> <i>Period</i> <i>Membership without a specific role need not be mentioned</i>		

Name	<i>Siti Marwiyah, SP, MSi</i>		
Post	<i>Genetics and Plant Breeding</i>		
Academic career	<i>Master in Plant Breeding</i>	<i>IPB University</i>	<i>2014</i>
	<i>Bachelor in Agronomy and Horticulture</i>	<i>IPB University</i>	<i>2010</i>
Employment	<i>Junior Lecturer</i>	<i>IPB University</i>	<i>6</i>
Research and development projects over the last 5 years	<i>Name of project or research focus</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i>	<i>Year</i>	
Important publications over the last 5 years	<i>total number of publication: 10</i> <i>Siti Marwiyah</i> <i>Genetic Diversity Analysis in 27 Tomato Accessions Using Morphological and Molecular Markers</i> <i>AGRIVITA Journal of Agricultural Science, 2018, 40(1), ISSN/DOI: 0126-0537/2302-6766</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Membership without a specific role need not be mentioned</i>		

SEED SCIENCE AND TECHNOLOGY

Name	Prof Dr Ir Satriyas Ilyas, MS		
Post	Seed science and technology		
Academic career	Bachelor in Agronomy	IPB University	1981
	Magister in Seed science and technology	IPB university	1983
	Doctor in Seed science	Cornell University	1993
Employment	Professor	IPB University	38
Research and development projects over the last 5 years	Paddy Agribusiness Development in West Java Province 2016 BP3IPTEK Rp 316.980.000		
Industry collaborations over the last 5 years	Project title Partners		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	Total number of publication (2015-2019): 20 Satriyas Ilyas, Abdul Qadir Effects of Invigoration and Spacing on Growth and Seed Production of Four Bambara Groundnut (Vigna subterranea (L) Verdc) Landraces International Journal of Agronomy and Agricultural Research, 2019, 14(1), 16-25, ISSN:2223-7054/2225-3610		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	Indonesian Society of Agronomy	Relationship and International Collaboration	2019-2020
	Membership without a specific role need not be mentioned		

Name	<i>Prof Dr Ir Memen Surahman, MScAgr</i>		
Post	<i>Seed science and technology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1987</i>
	<i>Magister in Agronomy in the tropic</i>	<i>George August Uni of Gottingen</i>	<i>1990</i>
	<i>Doctor in Plant productin and plant breeding</i>	<i>George August Uni of Gottingen</i>	<i>2001</i>
Employment	<i>Professor</i>	<i>IPB University</i>	<i>30</i>
Research and development projects over the last 5 years	<i>Application of Probiotic Microbes in to Increase Productivity and Quality of Hybrid Corn Seeds and the Efficiency of Nitrogen and Phosphate Fertilization</i> <i>2016</i> <i>Kemenristekdikti (stranas)</i> <i>RP 90.000.000</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Paddy Estate Community</i>	<i>2019</i>	
Important publications over the last 5 years	<i>Total number of publication (2015-2019):22</i> <i>Memen Surahman, Abdul Qadir</i> <i>The Impact of Silica and Urea Fertilization to Yield Characters and Seed Quality of IPB 3S Rice Varieties in Lowland Swamp Ecology</i> <i>International Journal of Agronomy and Agricultural Research, 2019, 14(6), 25-31, ISSN: 2223-7054/2225-3610</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Indonesian Society of Agronomy</i>	<i>Communication and Publication</i>	<i>2019-2020</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Dr Ir Eny Widajati, MS</i>		
Post	<i>Seed science and technology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1983</i>
	<i>Magister in Seed science and technology</i>	<i>IPB University</i>	<i>1985</i>
	<i>Doctor in Seed science and technology</i>	<i>IPB University</i>	<i>1999</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>35</i>
Research and development projects over the last 5 years	<i>Name of project or research focus</i> Institutional Strengthening Of Seed Producers To Guarantee Availability Of Sustainable Rice Seeds And Support Food Security <i>Period and any other information: 2017-2018</i> <i>Partners, if applicable : Seed Producer</i> <i>Amount of financing Rp. 372.665.000,-</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Year</i>		
Important publications over the last 5 years	<i>Total number of publication (2015-2019): 17</i> <i>Author(s)</i> <i>Title</i> <i>Any other information</i> Devi Rusmina, M. Rahmad Suhartanto, Satriyas Ilyas, Dyah Manohara, Eny Widajati . 2015. Production and Quality Improvement of Ginger Seed Rhizome by Paclobutrazol Applications International Journal of Sciences: Basic and Applied Research. Vol.21, No 2: 132-146		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Dr Ir Asep Setiawan, MS</i>		
Post	<i>Seed science and technology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1986</i>
	<i>Doctor in Plant breeding and biotechnology</i>	<i>University of Kiel</i>	<i>1999</i>
	<i>Magister in Seed Science and technology</i>	<i>IPB University</i>	<i>1987</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>33</i>
Research and development projects over the last 5 years	<i>Name of project or research focus: Seed Biotechnology</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i> <i>Year</i>		
Important publications over the last 5 years	<i>Total number of publication (2015-2019):13</i> <i>Asep Setiawan, Yudiwanti Wahyu</i> <i>RAPD based genetic diversity, agronomic characters, and nutrition content of Timor Leste kidney bean (Phaseolus vulgaris) genotypes</i> <i>Biodiversitas, 2019, 20(9), 2612-2619, ISSN:1412-033X/2085-4722</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i> <i>Role</i> <i>Period</i> <i>Membership without a specific role need not be mentioned</i>		

Name	<i>Dr Tatiek Kartika Suharsi, MS</i>		
Post	<i>Seed Science and Technology</i>		
Academic career	<i>Bachelor in Biology Gadjah Mada University 1981</i> <i>Magister in Seed science and IPB University 1991</i> <i>technology</i> <i>Doctor in Seed science and IPB University 2000</i> <i>technology</i>		
Employment	<i>Associate Professor IPB University 38</i>		
Research and development projects over the last 5 years	<i>Name of project or research focus: Seed Phenology</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i> <i>Year</i>		
Important publications over the last 5 years	<i>Total number of publication (2015-2019):14</i> <i>Tatiek Kartika Suharsi</i> <i>Morphology and Anatomy of the Fruit and Seed of Cananga odorata(Lam.) Hook.f. & Thomson</i> <i>Biodiversitas, 2019, 20(11), 3199-3206, ISSN:1412-033X/2085-4722</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation Role Period</i> <i>Membership without a specific role need not be mentioned</i>		

Name	<i>Dr Ir Endah Retno Palupi, MSc</i>		
Post	<i>Plant Reproduction</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1981</i>
	<i>Magister in Biology</i>	<i>Univ. of Victoria</i>	<i>1989</i>
	<i>Doctor in Seed science and technology</i>	<i>IPB University</i>	<i>2006</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>31</i>
Research and development projects over the last 5 years	<i>True Shallot Seed Production Technology Development and Mini bulb Shallot (Allium cepa var ascalonicum)</i> <i>2016</i> <i>Penelitian Unggulan Mandat Pusat</i> <i>Rp 90.000.000</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i> <i>Year</i>		
Important publications over the last 5 years	<i>Total number of publication (2015-2019):19</i> <i>Endah Retno Palupi, Krisantini</i> <i>Flowering and Reproductive Biology of Zingiber spectabile</i> <i>Pertanika Journal of Tropical Agricultural Science, 2019, 42(4), 1375-1389, ISSN: 1511-3702/2231-8542</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i> <i>Role</i> <i>Period</i> <i>Membership without a specific role need not be mentioned</i>		

Name	Dr Ir M Rahmad Suhartanto, MSi		
Post	Seed Science and technology		
Academic career	Bachelor in Agronomy	IPB University	1987
	Magister in Fruit seed science	IPB University	1988
	Doctor in Seed science and technology	IPB University	2002
Employment	Senior Lecturer	IPB University	32
Research and development projects over the last 5 years	Name of project or research focus : Development of Superior Pineapple Varieties to Increase Indonesian Pineapple Competitiveness Period and any other information : 2017-2019 <div><div>1.</div><div>Partners : PB.Tani Mulyo, Achmat Basuki. Almt, Dan.Puhrejo Ds.Ngancar Kec.Ngancar Kab.Kediri</div></div> <div><div>2.</div><div>PT.Sumber Sari Petung, Dr. Ir. Zaenudin, SU. Almt, Dsn.Sumber Petung Ds.Sempu Kec.Ngancar Kab.Kediri</div></div> Amount of financing : Rp. 360.000.000,-		
Industry collaborations over the last 5 years	Project title Partners		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	Total number of publication (2015-2019):26 Hervani D, Efendi D, Suhartanto MR, Purwoko BS. The Preservation of Somatic Embryos of Papaya Derived from Papaya Lateral Shoots after Being Stored in Cryopreservation to Maintain Plant Genetic Information in the Future Biodiversitas, Journal of Biological Diversity, 2018, 19 (3), 724-729, ISSN: 1412-033X/2085-4722		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	Membership without a specific role need not be mentioned		

Name	Dr Ir Abdul Qadir, MS		
Post	Seed science and technology		
Academic career	Bachelor in Agronomy	IPB University	1985
	Magister in Statistics	IPB University	1987
	Doctor in Seed science and technology	IPB University	2012
Employment	Senior Lecturer	IPB University	33
Research and development projects over the last 5 years	IPB 3S Seed Start Up Industry to Support National Food Self-Sufficiency Period and any other information Kemenristekdikti (Inovasi Perguruan Tinggi di Industri) Rp 9.800.000.000		
Industry collaborations over the last 5 years	Project title Partners		
Patents and proprietary rights	Foundation Seed Industry Model		2017
Important publications over the last 5 years	Total number of publication (2015-2019): 19 Memen Surahman , Candra Budiman ¹ , Hajrial Aswidinnoor, Abdul Qadir, Ridwan Diaguna Optimization of NPK and silica fertilizations for seed production of IPB 3S rice varieties in Pinrang, South Sulawesi Any other information International Journal of Agronomy and Agricultural Research (IJAAR), 2017,11(6), 102-107, ISSN: 2223-7054/2225-3610		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	Membership without a specific role need not be mentioned		

Name	<i>Maryati Sari, SP, MSi</i>		
Post	<i>Seed science and technology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1994</i>
	<i>Magister in Seed science and technology</i>	<i>IPB University</i>	<i>2000</i>
Employment	<i>Senior Lecturer</i>	<i>IPB University</i>	<i>20</i>
Research and development projects over the last 5 years	<i>Name of project or research focus</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i> <i>Year</i>		
Important publications over the last 5 years	<i>Total number of publication (2015-2019):9</i> <i>Maryati Sari, Edi Santosa, Adolf Pieter Lontoh, Ani Kurniawati</i> <i>Kualitas Benih dan Pertumbuhan Bibit Tanaman Iles-Iles (Amorphophallus muelleri Blume) Asal Media Tumbuh Berbeda</i> <i>Jurnal Ilmu Pertanian Indonesia, 2019, 24(2), 144-150, ISSN: 0853-4217/2443-3462</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i> <i>Role</i> <i>Period</i> <i>Membership without a specific role need not be mentioned</i>		

Name	<i>Ir Baran Wirawan, MSc</i>		
Post	<i>Teaching area and designation</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1986</i>
	<i>Magister in Agronomy</i>	<i>University of The Philipines</i>	<i>1992</i>
Employment	<i>Lecturer</i>	<i>IPB University</i>	<i>33</i>
Research and development projects over the last 5 years	<i>Name of project or research focus</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i>	<i>Year</i>	
Important publications over the last 5 years	<i>Total number of publication (2015-2019):</i> <i>Author(s)</i> <i>Title</i> <i>Any other information</i> <i>Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i> <i>Indonesian Society of Agronomy</i>	<i>Role</i> <i>Community Services and Emprwerment</i>	<i>Period</i> <i>2019-2020</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Candra Budiman, SP, MSi</i>		
Post	<i>Seed science and technology</i>		
Academic career	<i>Master in Seed science and technology</i>	<i>IPB University</i>	<i>2012</i>
	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>2009</i>
Employment	<i>Junior Lecturer</i>	<i>IPB University</i>	<i>8</i>
Research and development projects over the last 5 years	<i>Name of project or research focus</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i>	<i>Year</i>	
Important publications over the last 5 years	<i>Total number of publication (2015-2019): 6</i> <i>Memen Surahman , Candra Budiman, Hajrial Aswidinnoor, Abdul Qadir, Ridwan Diaguna</i> <i>Optimization of NPK and silica fertilizations for seed production of IPB 3S rice varieties in Pinrang, South Sulawesi</i> <i>Any other information</i> <i>International Journal of Agronomy and Agricultural Research (IJAAR), 2017,11(6), 102-107, ISSN: 2223-7054/2225-3610</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i> <i>Indonesian Society of Agronomy</i>	<i>Role</i> <i>Relationship and International Collaboration</i>	<i>Period</i> <i>2019-2020</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Ahmad Zamzami, SP, MSi</i>		
Post	<i>Seed science and technology</i>		
Academic career	<i>Master in Seed science and technology</i>	<i>IPB University</i>	<i>2015</i>
	<i>Bachelor in Agronomy and Horticulture</i>	<i>IPB University</i>	<i>2013</i>
Employment	<i>Junior Lecturer</i>	<i>IPB University</i>	<i>5</i>
Research and development projects over the last 5 years	<i>Name of project or research focus</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i>	<i>Year</i>	
Important publications over the last 5 years	<i>Total number of publication (2015-2019):2</i> <i>Author(s)</i> <i>Title</i> <i>Any other information</i> <i>Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i> <i>Indonesian Society of Agronomy</i>	<i>Role</i> <i>National Collaboration and Advocacy</i>	<i>Period</i> <i>2019-2022</i>
	<i>Membership without a specific role need not be mentioned</i>		

PLANT ECOPHYSIOLOGY

Name	<i>Prof Dr Ir M. Hasjim Bintoro, M.Agr</i>		
Post	<i>Plant Ecology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1973</i>
	<i>Magister in Horticulture</i>	<i>Okayama University</i>	<i>1974</i>
	<i>Doctor in Agronomy</i>	<i>IPB University</i>	<i>1989</i>
Employment	<i>Professor</i>	<i>IPB University</i>	<i>46</i>
Research and development projects over the last 5 years	<i>Sago accession and production</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Sago for Rural Community and Development</i>	<i>2017</i>	
	<i>Sago Identification (Metroxylon spp.) in Mimika, Papua</i>	<i>2017</i>	
Important publications over the last 5 years	<i>Total number of publication:</i> <i>Author(s)</i> <i>Title</i> <i>Any other information</i> <i>Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Prof Dr Ir Munif Ghulamahdi, MS</i>		
Post	<i>Plant Ecophysiology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1982</i>
	<i>Magister in Agronomy</i>	<i>IPB University</i>	<i>1985</i>
	<i>Doctor in Agronomy</i>	<i>IPB University</i>	<i>1999</i>
Employment	<i>Professor</i>	<i>IPB University</i>	<i>35</i>
Research and development projects over the last 5 years	<i>Development of saturated soil culture technology to increase soybean production on tidal swamps in Indonesia</i> <i>2016</i> <i>Kemenristekdikti</i> <i>Rp 175.000.000</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>BJA Technology (Water Saturated Cultivation)</i> <i>2017</i>		
Important publications over the last 5 years	<i>Total number of publication: 42</i> <i>Munif Ghulamahdi, Didy Sopandie, Sandra Arifin Aziz</i> <i>The Physiological responses of four soybean varieties and their effect to the yield in several saturated soil culture modification</i> <i>Biodiversitas, 2019, 20(8), 2267-2272, ISSN:2085-4722</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Indonesian Society of Agronomy</i>	<i>Sertification and Accreditation</i>	<i>2019-2020</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	Prof Dr Ir M. Achmad Chozin, M.Agr		
Post	Plant Ecophysiology		
Academic career	Bachelor in Agronomy	IPB University	1976
	Magister in Weed Science	Okayama University	1987
	Doctor in Bioresources Science	Okayama University	1990
Employment	Professor	IPB University	44
Research and development projects over the last 5 years	Weed Period and any other information Partners, if applicable Amount of financing		
Industry collaborations over the last 5 years	Project title Partners		
Patents and proprietary rights	Title		Year
Important publications over the last 5 years	Total number of publication : 26 Muhammad Achmad Chozin Phytotoxic Activity of Chinese Violet (Asystasia gangetican (L.) T. Anderson) and two Phytotoxic Substances Weed Biology and Management, 2019, 19(1), 3-8, ISSN: 1444-6162/1445-6664		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	PERAGI	Advisor	
	HIGI	Central management	
	Indonesian Agronomist Association	Sterring committee	2019-2020
	Membership without a specific role need not be mentioned		

Name	<i>Prof Dr Ir Didy Sopandie, M.Agr</i>		
Post	<i>Plant Ecophysiology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1981</i>
	<i>Magister in Plant Physiology</i>	<i>Okayama University</i>	<i>1982</i>
	<i>Doctor in Plant Physiology</i>	<i>Okayama University</i>	<i>1990</i>
Employment	<i>Professor</i>	<i>IPB University</i>	<i>38</i>
Research and development projects over the last 5 years	<i>Utilization of Transgressive Sorghum Segregan for The Assembly of Hybrid Varieties of Sorghum Tolerant to Abiotic Stress, High Production and Nutritional Quality of Seeds</i> <i>2017-2019</i> <i>Kemenristekdikti</i> <i>Dr Desta Wirnas, SP, MSi (team leader), Dr Ir Trikoesoemaningtyas (member)</i> <i>Rp 100.000.000</i>		
Industry collaborations over the last 5 years	<i>Utilization of exogenous compounds (NAA, salicylic acid, calcium, boron, MCP, peat water) for the resistance of oil palm plants to environmental stress (Al, salinity) and to increase yield and production</i> <i>PT Astra Agro Lestari Tbk</i> <i>2017-2020</i>		
Patents and proprietary rights	<i>Physiological responses of Indolofera</i>	<i>2017</i>	
	<i>Zollingeriana at various levels of drought stress and trimming interval (Book Chapter)</i> <i>Arbuscular mycorrhizal fungi addition and drought stress in Indigofera Zollingeriana plants (Book Chapter)</i>	<i>2017</i>	
Important publications over the last 5 years	<i>Total number of publication: 36</i> <i>Didy Sopandie</i> <i>Physiological responses of four soybean varieties and their effect to the yield in several saturated soil culture modification</i> <i>Biodiversitas, Journal of Biological Diversity, 2019, 20 (8), ISSN/DOI: 2085-4722</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>PERAGI</i>	<i>Leader Board</i>	<i>2019- now</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Prof Dr Ir Slamet Susanto, MSc</i>		
Post	<i>Plant Ecophysiology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1984</i>
	<i>Magister in Plant Ecophysiology</i>	<i>Kochi University</i>	<i>1986</i>
	<i>Doctor in Phomology</i>	<i>Ehime University</i>	<i>1993</i>
Employment	<i>Professor</i>	<i>IPB University</i>	<i>34</i>
Research and development projects over the last 5 years	<i>Flowering and Quality Improvement of Crystal Guava to Supports National Fruit Competitiveness</i> <i>2016</i> <i>Kemenristekdikti</i> <i>Rp 80.000.000</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i> <i>Year</i>		
Important publications over the last 5 years	<i>Total number of publication: 26</i> <i>Slamet Susanto</i> <i>Studies on Flowering and Fruiting Rhythms of 'Cristal' Guava (Psidium guajava L.) at Three Different Locations, Indonesia</i> <i>Ecology, Environment and Conservation, 2019, 25(4), ISSN/DOI: 0971-765X</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Indonesian Horticultural Association</i>	<i>Chairman</i>	<i>2019-2022</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	Prof Dr Ir Sandra Arifin Aziz, MS		
Post	Plant Ecophysiology		
Academic career	Bachelor in Agronomy	IPB University	1982
	Magister in Agronomy	IPB University	1985
	Doctor in Agronomy	IPB University	1999
Employment	Professor	IPB University	35
Research and development projects over the last 5 years	Echophysiology linkage with tempuyung leaf flavonoid content and the propagation techniques of tempuyung plants 2016 Dr Ir Maya Melati, MSi, MSc (Leader), Maryati Sari, SP, MSi (member) Rp 99.000.000		
Industry collaborations over the last 5 years	Slimming pills Biofarma		
Patents and proprietary rights	Guava Phenolic and Flavonoid Production		2017
	Good Handling Practices Red Fruit (Buah Merah)		2017
Important publications over the last 5 years	Total number of publication: 36 Sandra Arifin Aziz Pruning to Improve Flowering and Fruiting of 'Crystal' Guava AGRIVITA Journal of Agricultural Science, 2019, 41(1), ISSN: 0126-0537/2302-6766		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	PERAGI		
	PERHORTI		
	ISHS		
	ISOFAR		
	Membership without a specific role need not be mentioned		

Name	Prof Dr Ir Sudradjat, MS		
Post	Plant Ecophysiology		
Academic career	Bachelor in Agronomy	IPB University	1978
	Magister in Agronomy	IPB University	1980
	Doctor in Plant ecophysiology	ENSA Rennes	1994
Employment	Professor	IPB University	40
Research and development projects over the last 5 years	Name of project or research focus Period and any other information Partners, if applicable Amount of financing		
Industry collaborations over the last 5 years	Project title Partners		
Patents and proprietary rights	Development of Sustainable Palm Oil Plantations with a Dynamic Model Approach		2018
Important publications over the last 5 years	Total number of publication: 22 Sudradjat, Sudirman Yahya Growth Potential, Production and Nutrition Content of Indigofera Zollingeriana Planted under the Oil Palm Plantation in Jonggol Bogor, Indonesia Scientific Publishers, 2019, 21(2), 319-325, ISSN:0972-3005		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	Indonesian Society of Agronomy	Community Services and Emprwerment	2019-2020
	Membership without a specific role need not be mentioned		

Name	<i>Prof Dr Edi Santosa, SP, MSi</i>		
Post	<i>Plant Ecophysiology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1996</i>
	<i>Magister in Agronomy</i>	<i>IPB University</i>	<i>2006</i>
	<i>Doctor in Agricultural and Environmental Biology</i>	<i>University of Tokyo</i>	<i>1994</i>
Employment	<i>Professor</i>	<i>IPB University</i>	<i>24</i>
Research and development projects over the last 5 years	<i>Induction and manipulation of the growth of iles-iles flowers (Amorphophallus muelleri Blume) to support mass seed production technology</i> <i>2016</i> <i>Kemenristekdikti</i> <i>Rp 64.500.000</i>		
Industry collaborations over the last 5 years	<i>Mini Aboretum</i> <i>PT Indonesia Power</i>		
Patents and proprietary rights	<i>Title</i>		<i>Year</i>
Important publications over the last 5 years	<i>Total number of publication: 39</i> <i>Edi Santosa, Adolf Pieter Lontoh, Maryati Sari, Ani Kurniawati</i> <i>Gibberellic Acid Application Causes Erratic Flowering on Young Corms of Amorphophallus muelleri Blume (Araceae)</i> <i>Horticulture Journal, 2019, 88(1), 92-99, ISSN: 2189-0102/2189-0110</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Ir Adolf Pieter Lontoh, MS</i>		
Post	<i>Ecophysiology and weed management</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1980</i>
	<i>Magister in Agronomy</i>	<i>IPB University</i>	<i>1981</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>39</i>
Research and development projects over the last 5 years	<i>Formulation and efficacy of biological herbicide made from nut grass (Cyperus rotundus) for controlling broadleaf weeds</i> <i>2018-2019</i> <i>Prof Dr Ir M. Achmad Chozin, M.Agr (team leader)</i> <i>Kemenristekdikti</i> <i>Rp 185.750.000</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i>		<i>Year</i>
Important publications over the last 5 years	<i>Total number of publication: 16</i> <i>Adolf Pieter Lontoh, Edi Santosa, Ani Kurniawati, Maryati Sari</i> <i>Yield Evaluation of Selected Clones Apomictic Iles-Iles (Amorphophallus muelleri Blume) on Second Growing Period</i> <i>Jurnal Agronomi Indonesia, 2019, 47(2), 171-179, ISSN: 2085-2916/2337-3652</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Dr Ir Eko Sulistyono, MSi</i>		
Post	<i>Water management</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1985</i>
	<i>Magister in Agronomy</i>	<i>IPB University</i>	<i>1987</i>
	<i>Doctor in Agronomy</i>	<i>IPB University</i>	<i>2006</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>33</i>
Research and development projects over the last 5 years	<i>Plants water management</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i>	<i>Year</i>	
Important publications over the last 5 years	<i>Total number of publication: 22</i> <i>Eko Sulistyono</i> <i>Fertigation Interval and Irrigation Volume for Sand Culture of Mustard (Brassica juncea (L.) Czern & Coss) and Their Effect on Growth and Yield</i> <i>Vegetos: An International Journal of Plant Research, 2018, 31(2), 0970-4078</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	Dr Ir Herdhata Agusta		
Post	Plant ecology/environment		
Academic career	Bachelor in Agronomy	IPB University	1982
	Doctor in Agronomy	Universitaet Hohenheim	1991
Employment	Associate Professor	IPB University	37
Research and development projects over the last 5 years	Legume for water and soil conservation in different elevation of palm oil and rubber plantation in Jambi 2016 Kemenristekdikti (Desentralisasi) Rp 150.000.000		
Industry collaborations over the last 5 years	Project title Partners		
Patents and proprietary rights	Process of lignoselulosa waste production as biofungicide to boninense ganoderma	2018	
Important publications over the last 5 years	Total number of publication: 5 Herdhata Agusta Infiltrated Water and Runoff at Four Gradient Slopes at Smallholder Oil Palm Plantation in Dry Season in Jambi, Indonesia Journal of the Japan Institute of Energy, 2019, 98(5), 101-105, ISSN:0916-8753, 1882-6121		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	PERAGI	member of certificate division	2016-2019
	LSP AGRO GLOBAL LESTARI	vice chairman and head of certificate division	2017- NOW
	LSP LINGKUNGAN HIDUP INKALINDO	certification scheme committee	2018-NOW
	SUA AGH TESTING LABORATORIUM	quality manager	2015-NOW
	Membership without a specific role need not be mentioned		

Name	<i>Dr Ir Hariyadi, MS</i>		
Post	<i>Environment Analysis</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1984</i>
	<i>Magister in Agronomy</i>	<i>IPB University</i>	<i>1986</i>
	<i>Doctor in Agronomy</i>	<i>IPB University</i>	<i>2005</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>34</i>
Research and development projects over the last 5 years	<i>Plant waste and biological fertilizer, Integrated farming</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Pelatihan pemahaman perkebunan - manajemen Teknologi Good Agricultural Practices (GAP) Kelapa Sawit berkelanjutan bagi guru SMK Pertanian/Perkebunan di Riau XLII 2018</i> <i>BPDP-KS</i>		
Patents and proprietary rights	<i>Title</i>	<i>Year</i>	
Important publications over the last 5 years	<i>Total number of publication: 12</i> <i>Hariyadi, Sudirman Yahya, Ade Wachjar</i> <i>Morpho-Agronomical Diversity of Forest Clove in Moluccas, Indonesia</i> <i>HAYATI Journal of Biosciences, 2019, 26(4), 156-162, ISSN:1978-3019/2086-4094</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Dr Ir Suwanto, MSi</i>		
Post	<i>Ecophysiology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1987</i>
	<i>Magister in Agronomy</i>	<i>IPB University</i>	<i>1989</i>
	<i>Doctor in Agronomy</i>	<i>IPB University</i>	<i>2005</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>31</i>
Research and development projects over the last 5 years	<i>Name of project or research focus</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i>	<i>Year</i>	
Important publications over the last 5 years	<i>Total number of publication: 23</i> <i>Suwarto</i> <i>Study of the growth of nephrolepis biserrata kuntze and its utilization as cover crop under mature oil palm plantation</i> <i>International Journal of Sciences: Basic and Applied Research (IJSBAR), 2015, 19(1), ISSN/DOI: 2307-4531</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Dr Ir Maya Melati, MS, MSc</i>		
Post	<i>Plant Ecophysiology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1986</i>
	<i>Magister in Human Ecology</i>	<i>University of Brussel</i>	<i>1995</i>
	<i>Magister in Agronomy</i>	<i>IPB University</i>	<i>1990</i>
	<i>Doctor in Agronomy and Soil Science</i>	<i>University of New England</i>	<i>2002</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>29</i>
Research and development projects over the last 5 years	<i>Development of Cultivation Techniques for Increasing Tempuyung Flavonoid Production (Sonchus arvensis L.)</i> 2016 <i>Penelitian Unggul Mandat Pusat</i> Rp 90.000.000		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Good Handling Practices Red Fruit (Buah Merah)</i>	<i>2017</i>	
Important publications over the last 5 years	<i>Total number of publication: 37</i> <i>Maya Melati</i> <i>Pruning to Improve Flowering and Fruiting of 'Crystal' Guava</i> <i>AGRIVITA Journal of Agricultural Science, 2019, 41 (1), ISSN/DOI: 0126-0537/2302-6766</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Dr Dwi Guntoro, SP, MSi</i>		
Post	<i>Plant Ecophysiology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1995</i>
	<i>Magister in Agronomy</i>	<i>IPB University</i>	<i>1997</i>
	<i>Doctor in Agronomy</i>	<i>IPB University</i>	<i>2012</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>23</i>
Research and development projects over the last 5 years	<i>Application of IPB 3S Varieties to Support Acceleration National Food Self-Sufficiency</i> <i>Period and any other information</i> <i>Community Development HI-LINK</i> <i>Rp 220.000.000</i>		
Industry collaborations over the last 5 years	<i>Pengujian Laboratorium Efikasi Zat pengatur Tumbuh Tanaman GABAN 36EC dan PT BIGEST</i> <i>PT Multi Sarana Indotani</i>		
Patents and proprietary rights	<i>Palm cit hydrolysate as bioherbicide and its utilization for sugar control</i>		<i>2018</i>
Important publications over the last 5 years	<i>Total number of publication: 25</i> <i>Dwi Guntoro</i> <i>High-performance liquid chromatography analysis for α-cyperone and nootkatone from the tuber of nutsedge (cyperus rotundus L.) In the tropics</i> <i>Rasayan Journal Chemical, 2019, 12(1), ISSN/DOI: 0974-1496/0976-0083</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>HIGI</i>	<i>central management</i>	<i>2005-NOW</i>
	<i>HIGI KOMDA</i>	<i>leader</i>	<i>2018-NOW</i>
	<i>PERAGI</i>		
	<i>Membership without a specific role need not be mentioned</i>		

Name	<i>Ir Sofyan Zaman, MP</i>		
Post	<i>Ecophysiology</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1992</i>
	<i>Magister in Agronomy</i>	<i>Padjadjaran University</i>	<i>1994</i>
Employment	<i>Senior Lecturer</i>	<i>IPB University</i>	<i>26</i>
Research and development projects over the last 5 years	<i>Name of project or research focus</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i> <i>Year</i>		
Important publications over the last 5 years	<i>Total number of publication: 7</i> <i>Sofyan Zaman</i> <i>Tree-based Water Footprint Assessment on Established Oil Palm Plantation in North Sumatera, Indonesia</i> <i>Agronomy Journal of Indonesia, 2018, 46(1), ISSN/DOI: 2085-2916/2337-3652</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i> <i>Role</i> <i>Period</i> <i>Membership without a specific role need not be mentioned</i>		

Name	<i>Hafith Furqoni, SP. MSi</i>		
Post	<i>Plant Ecophysiology</i>		
Academic career	<i>Magister in Agronomy</i>	<i>IPB University</i>	<i>2015</i>
	<i>Bachelor Agronomy and Horticulture</i>	<i>IPB University</i>	<i>2010</i>
Employment	<i>Junior Lecturer</i>	<i>IPB University</i>	<i>5</i>
Research and development projects over the last 5 years	<i>Name of project or research focus</i> <i>Period and any other information</i> <i>Partners, if applicable</i> <i>Amount of financing</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i>	<i>Year</i>	
Important publications over the last 5 years	<i>Total number of publication: 2</i> <i>Hafith Furqoni</i> <i>Growth Responses of Sugar-Palm (Arenga pinnata (Wurmb.) Merr.) Seedlings to Different Shading Levels</i> <i>Tropical Agriculture and Development, 2018, 62 (2), ISSN/DOI: 1882-8469</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>PERAGI</i>		
	<i>Membership without a specific role need not be mentioned</i>		

PLANT PRODUCTION

Name	Prof Dr Ir Anas D Susila, MSi		
Post	Plant Production		
Academic career	Bachelor	IPB University	1987
	Magister in Agronomy and Horticulture	IPB University	1985
	Agronomy	University of Florida	2001
Employment	Professor	IPB University	33
Research and development projects over the last 5 years	<p><i>Peningkatan Produksi Sayuran Indigenous (Cabai Lokal, Terong Lalab dan Sayuran Daun) melalui Perakitan Varietas Unggul dan Teknologi Produksi dalam Rangka Optimalisasi Pemanfaatan Lahan Suboptimal dan Antisipasi Perubahan Iklim (Increasing Indigenous Vegetable Production (Local Chillies, Lalab Eggplant and Leaf Vegetables) through the Assembling of Superior Varieties and Production Technology in the Framework of Optimizing the Utilization of Suboptimal Land and Anticipating Climate Change)</i></p> <p>Rp 900.000.000</p>		
Industry collaborations over the last 5 years	Project title		
	Partners		
Patents and proprietary rights	<p><i>FEDS, Decision Support System for Determination of Vegetable Crop Fertilization Recommendations</i></p>		2019
Important publications over the last 5 years	<p><i>Total number of publication (2015-2019): 26</i></p> <p><i>The Effect of Silica (SiO₂) to the Severity of Yellow Leaf Curl Disease on Chili Pepper. Jurnal Perlindungan Tanaman Indonesia, 2019, 23, 1-11, ISSN: 1410-1637/2548-2788</i></p> <p><i>Harvesting of Residual Soil Phosphorus on Intensive Shallot Farming in Brebes, Indonesia. AGRIVITA Journal of Agricultural Science, 2018, 40(3), ISSN/DOI 0126-0537, 2302-6766</i></p>		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period

Name	<i>Prof Dr Ir Roedhy Poerwanto, M.Sc</i>		
Post	<i>Plant Production</i>		
Academic career	<i>Bachelor</i>	<i>IPB University</i>	<i>1983</i>
	<i>Magister and Ph.D in Plant Production and Physiology</i>	<i>Ehime University</i>	<i>1990</i>
Employment	<i>Professor</i>	<i>IPB University</i>	<i>37</i>
Research and development projects over the last 5 years	<i>Development of Deep Orange Color of Orange to Support Food Security and Reduce Imports</i> <i>2016</i> <i>Kemenristekdikti</i> <i>Rp 94.000.000</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i>		<i>Year</i>
Important publications over the last 5 years	<i>Total number of publication (2015-2019): 38</i> <i>Roedhy Poerwanto, Edi Santosa, Darda Efendi</i> <i>Shoot Manipulations Improve Flushing and Flowering of Mandarin Citrus in Indonesia. Journal of Applied Horticulture, 2019, 20(2), 112-118, ISSN: 0971-1045</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>

Name	Dr Ir Ade Wachjar, MS		
Post	Agronomy		
Academic career	Bachelor	IPB University	1980
	Agronomy	IPB University	1978
	Agronomy and Horticulture	IPB University	2005
Employment	Associate Professor	IPB University	40
Research and development projects over the last 5 years	Perennial plants especially Oil palm, cacao. Including carbon absorption Period and any other information Partners, if applicable Amount of financing		
Industry collaborations over the last 5 years	Pengujian Lapangan Efektivitas Efektifitas Produksi dan Pembibitan Tanaman KAKAO dengan Pupuk Hayati Bactoplus PT Prima Agro Tech PT Prima Agro Tech Rp 60.000.000		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	Total number of publication (2015-2019): 25 Odit Kurniadinata, Susi Depari, Roedhy Poerwanto, Darda Effendi, Ade Wachjar. Solving Yellow Sap Contamination Problem In Mangosteen (Garcinia Mangostana) With Ca2+ Application Based On Fruit Growth Stage. Communications In Biometry And Crop Science, 2016, 11 (2), ISSN/DOI 18960782		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period

Name	<i>Dr Ir Purwono, MS</i>		
Post	<i>Plant Production</i>		
Academic career	<i>Bachelor</i>	<i>IPB University</i>	<i>1982</i>
	<i>Magister in Agronomy</i>	<i>IPB University</i>	<i>1989</i>
	<i>Doctor in Agronomy and Horticulture</i>	<i>IPB University</i>	<i>2012</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>38</i>
Research and development projects over the last 5 years	<i>Efisiensi pemupukan tanaman tebu lahan kering (Efficiency of fertilizing dry land sugar cane). Milled season 2016-2019</i> <i>Sugar Factory (PG) Maduksimo and Kebun Tebu Mas</i> <i>Rp 50 juta</i>		
Industry collaborations over the last 5 years	<i>Aplikasi kompos blotong untuk mengurangi dosis pupuk anorganik. PG Madukismo dan PG Kebun Tebu Mas (Blotong compost application to reduce the dose of inorganic fertilizer in Sugar Factory Maduksimo and Kebun Tebu Mas).</i>		
Patents and proprietary rights	<i>Technology for returning sugarcane "blotong" to the fields</i>		<i>2018</i>
	<i>Sugar yield measurement technology uses brix values</i>		<i>2018</i>
	<i>IPB prima Technology</i>		<i>2018</i>
Important publications over the last 5 years	<i>Total number of publication (2015-2019): 12</i> <i>Ridwan Muis, Munif Ghulamahdi, Maya Melati, Purwono, Irdika Mansur. Diversity of Arbuscular Mycorrhiza Fungi from trapping using different Host Plants. International Journal of Sciences: Basic and Applied Research (IJSBAR), 2016, 27(2):158-169</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>

Name	<i>Dr Ir Iskandar Lubis, MS</i>		
Post	<i>Plant Production</i>		
Academic career	<i>Bachelor in Agronomy</i>	<i>IPB University</i>	<i>1983</i>
	<i>Doctor in Agricultural Science</i>	<i>Kyoto University</i>	<i>2003</i>
	<i>Magister in Agronomy</i>	<i>IPB University</i>	<i>1985</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>35</i>
Research and development projects over the last 5 years	<i>Development and Implementation New Damage Assessment Process in Agricultural Insurance as adaptation to climate change for food Security</i> <i>Partners: Ministry of Education and Science, Japan</i> <i>2017-2022</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Title</i> <i>Year</i>		
Important publications over the last 5 years	<i>Total number of publication (2015-2019): 23</i> <i>Dina Martha Susilawati, M.Syamsul Maarif, Widiatmaka, Iskandar Lubis</i> <i>Appraisal of shallot farming sustainability in Brebes Regency, Central Java Province, Indonesia. Bulgarian Journal of Agricultural Science, 2019, 21(2), 319-325, ISSN:0972-3005</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>

Name	Dr Ir Krisantini, MSc		
Post	Plant Production		
Academic career	Bachelor	IPB University	1983
	Magister in Tropical Agriculture	University of Reading, UK	1985
	Doctor in Horticulture	The University of Queensland	2005
Employment	Associate Professor	IPB University	35
Research and development projects over the last 5 years	Indonesia native herbal ornamental potted production		
Industry collaborations over the last 5 years	Project title		
	Partners		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	Total number of publication (2015-2019): 12		
	Krisantini. Short Communication: Analysis of the chemical constituents and micromorphology of Bauhinia scandens using SEM-EDS techniques Biodiversitas, 2019, 20(7), 2055-2060, ISSN: 1412-033X/2085-4722		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period

Name	Ir Winarso D Widodo, MS, Ph.D		
Post	Plant Propagation		
Academic career	Bachelor	IPB University	1986
	Magister in Agronomy	IPB University	
	PhD in Horticulture	Okayama University	
Employment	Associate Professor	IPB University	33
Research and development projects over the last 5 years	Postharvest tropical Fruits		
Industry collaborations over the last 5 years	Project title		
	Partners		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	Total number of publication (2015-2019): 20		
	Hafidz Ramdan Halim, Dhika Prita Hapsari, Ahmad Junaedi, Arya Widura Ritonga, Azis Natawijaya, Roedhy Poerwanto, Sobir Sobir, Winarso Drajad Widodo, Deden Derajat Matra. Metabolomics dataset of underutilized Indonesian fruits; rambai (Baccaurea motleyana), nangkadak (Artocarpus nangkadak), rambutan (Nephelium lappaceum) and Sidempuan salak (Salacca sumatrana) using GCMS and LCMS. Data in Brief 03/2019; 23., DOI:10.1016/j.dib.2019.103706		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period

Name	Dr Ir Ketty Suketi, MSI		
Post	Plant production		
Academic career	Bachelor	IPB University	1984
	Magister in Agronomy	IPB University	1986
	Doctor in Agronomy	IPB University	2011
Employment	Associate Professor	IPB University	34
Research and development projects over the last 5 years	The physiological characteristics and production of papaya and Kelor (Moringa oleifera Lam.)		
Industry collaborations over the last 5 years	Project title		
	Partners		
Patents and proprietary rights	Title		Year
Important publications over the last 5 years	Total number of publication (2015-2019): 25		
	Yulianda Tanari, Darda Effendi, Roedhy Poerwanto, Didy Soepandie, Ketty Suketi. Application of calcium to decrease yellow sap contamination at different positions of Garcinia mangostana L, Advances in Horticultural Science,2018, 32(3):169-175, ISSN/DOI 0394-6169/1592-1573		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period

Name	<i>Dr Ir Ahmad Junaedi, MSi</i>		
Post	<i>Plant Production</i>		
Academic career	<i>Bachelor</i>	<i>IPB University</i>	<i>1992</i>
	<i>Magister in Agronomy</i>	<i>IPB University</i>	<i>2001</i>
	<i>Ph.D in Agronomy</i>	<i>Konkuk University</i>	<i>2008</i>
Employment	<i>Associate Professor</i>	<i>IPB University</i>	<i>27</i>
Research and development projects over the last 5 years	<i>Development and Implementation New Damage Assessment Process in Agricultural Insurance as adaptation to climate change for food Security</i> <i>Partners: Ministry of Education and Science, Japan</i> <i>2017-2022</i> <i>Improving Crop varieties and developing agronomy best practice to Stabilize Crop Productivity on Swamp Area in Indonesia</i> <i>Partners : Ministry of Education and Science, Japan</i> <i>2012-2016</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights	<i>Rice Variety release of IPB 8G</i> <i>2014</i>		
Important publications over the last 5 years	<i>Total number of publication (2015-2019): 28</i> <i>Ahmad Junaedi, Arya Widura Ritonga, Roedhy Poerwanto, Sobir, Winarso D Widodo, Deden Derajat Matra. Metabolomics dataset of underutilized Indonesian fruits; rambai (Baccaurea motleyana), nangkadak (Artocarpus nangkadak), rambutan (Nephelium lappaceum) and Sidempuan salak (Salacca sumatrana) using GCMS and LCMS. Data in Brief, 2019, 23, 1-3. ISSN: 2352-3409</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>

Name	Dr Ir Heni Purnamawati, MScAgr		
Post	Plant Production		
Academic career	Bachelor	IPB University	1988
	Magister of Sciences in Tropical Agriculture	Georg August University	1993
	Doctor in Agronomy and Horticulture	IPB University	2012
Employment	Senior Lecturer	IPB University	30
Research and development projects over the last 5 years	Evaluation of cowpea productivity in two ecological zones through the source and sink capacity approach 2016. Penelitian Unggulan Mandat Pusat Rp 86.500.000,- Karakterisasi laju pengisian biji pada beberapa varietas kedelai dengan berbagai ukuran biji 2019. Penelitian Tesis Magister Rp 50 000.000,-		
Industry collaborations over the last 5 years	Project title Partners		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	Total number of publication (2015-2019):17 Heni Purnamawati, Anas D Susila, Slamet Susanto. Sources and Rates of Potassium for Drip Irrigation of Polyethylene-mulched Bean Production Journal of Tropical Crop Science, 2019, 6(3), 182-192, ISSN: 2356-0169/2356-0177 Arinal HI Nurrahma, Ahmad Junaedi, Heni Purnamawati. Jun-Ichi Sakagami. Rice Root Distribution Of Four Rice Varieties To Different Depth Of Submergence, AGRIVITA Journal of Agricultural Science, 2017, 39(2)119-127, ISSN/DOI 0126-0537, 2302-6766		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period

Name	Dr Ir Sugiyanta, MSi		
Post	Plant Production		
Academic career	Bachelor	IPB University	1987
	Magister in Agronomy	IPB University	1995
	Doctor in Agronomy and Horticulture	IPB University	2007
Employment	Associate Professor	IPB University	32
Research and development projects over the last 5 years	Collaboration in fertilizer and growth regulator testing with many companies (2019 with 70 companies; 2018 with 91 companies, 2016 with 70 companies)		
Industry collaborations over the last 5 years	Project title		
	Partners		
Patents and proprietary rights	IPB Prima Technology		2017
Important publications over the last 5 years	Total number of publication : 31		
	Pradeka Brilyan Purwandoko, Kudang Boro Seminar, Sutrisno, Sugiyanta, Development of a Smart Traceability System for the Rice Agroindustry Supply Chain in Indonesia, Information, 2019, 10(10), 1-15, ISSN: 2078-2489		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period

Name	Dr Ir Supijatno, MSi		
Post	Agronomy		
Academic career	Bachelor	IPB University	1984
	Magister in Agronomy	IPB University	1986
	Doctor in Agronomy and Horticulture	IPB University	2012
Employment	Senior Lecturer	IPB University	34
Research and development projects over the last 5 years	Good Agricultural Production of oil palm		
Industry collaborations over the last 5 years	Pengujian lapangan efikasi ZPT Merk Karetplus (Polyethylene glicol 9.46 g/l)		
	PT Prima Agro Tech		
	Rp 26.000.000,-		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	Total number of publication (2015-2019) : 20		
	Sudradjat, Oky Dwi Purwanto, Ega Faustina, Feni Shintarika, Supijatno Roles and optimisation rate of potassium fertiliser for immature oil palm (Elaeis guineensisJacq.) on an Ultisol soil in Indonesia, Journal of Agriculture and Rural Development in the Tropics and Subtropics, 2018, 119(1):13-22, ISSN/DOI 1612-9830		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period

Name	Dr Ani Kurniawati, SP, MSi		
Post	Plant Production		
Academic career	Bachelor	IPB University	1993
	Magister in Agronomy	IPB University	1994
	Doctor in Agronomy and Horticulture	IPB University	2011
Employment	Associate Professor	IPB University	26
Research and development projects over the last 5 years	Technology Assembly + B44 Black Cumin Production 'Black Seed' (Nigella sativa L.) Based on Thymoquinone-based Biomass and Content for Development in the Tropic Area in Indonesia 2016 Penelitian Terapan Unggulan Perguruan Tinggi Rp 95.000.000 (2016) Rp 120.000.000 (2018-2019)		
Industry collaborations over the last 5 years	Project title Collection, conservation, and book writing : Biodiversity of Indonesia Medicinal Plants Partners : PT Socfin		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	Total number of publication (2015-2019) : 28		
	Ani Kurniawati, Maya Melati, Yudiwanti Wahyu. Morphological Characters, Flowering and Seed Germination of the Indonesian Medicinal Plant Orthosiphon aristatus, Biodiversitas, 2019, 20(2), 328-337, ISSN:1412-033X/2085-4722		
	Edi Santosa, Adolf Pieter Lontoh, Maryati Sari, Ani Kurniawati, Yoko Mine, Nobuo Sugiyama. Gibberellic Acid Application Causes Erratic Flowering on Young Corms of Amorphophallus muelleri Blume (Araceae). Horticulture Journal, 2019. ttp://dx.doi.org/doi:10.2503/hortj.UTD-016		
	Sandra Arifin Aziz, Ani Kurniawati, Didah Nur Faridah, Herlina. Changes of Thymoquinone, Thymol, and Malondialdehyde Content of Black Cumin (Nigella sativa L.) in Response to Indonesia Tropical Altitude Variation. HAYATI Journal of Biosciences, 2017 24 (3) :156-161. http://dx.doi.org/10.1016/j.hjb.2017.08.0041		
Activities in specialist bodies over the last 5 years	Mega Safithri, Ani Kurniawati, Syaefudin. Formula of piper crocatum, cinnamomum burmanii, and zingiber officinale extracts as a functional beverage for diabetics. International Food Research Journal, 2016. 23(3) : 1123-1130 1123-1130. http://www.ifrj.upm.edu.my/index.html		
	Organisation	Role	Period

Name	Juang Gema Kartika, SP, MSi		
Post	Plant production		
Academic career	Bachelor	IPB University	2004
	Magister in Horticulture	IPB University	2005
Employment	Senior Lecturer	IPB University	15
Research and development projects over the last 5 years	The physiological characteristics and production of Kelor (Moringa oleifera Lam.)		
Industry collaborations over the last 5 years	collaboration in fertilizer and growth regulator testing with many companies (2019 with 70 companies; 2018 with 91 companies, 2016 with 70 companies)		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	Total number of publication (2015-2019) : 20 Abdjad Asih Nawangsih, Ida Parida, Suryo Wiyono, Juang Gema Kartika. Selection and characterization of siderophore-producing rhizobacteria and potential antagonistic activity toward Ralstonia solanacearum, Journal of BIOTROPIA, 2017, 24(2):85-93, ISSN/DOI 0215-6334/1907-770X		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period

Name	Dr Deden Derajat Matra, SP. M.Agr		
Post	Horticulture		
Academic career	Bachelor	IPB University	2010
	Biological Production Sci.	Ibaraki University	2014
	Biological Production Sci.	Tokyo University of Agriculture and Technology	2017
Employment	Junior Lecturer	IPB University	5
Research and development projects over the last 5 years	<p>Development initiative for acceleration of Indonesian fruit selection in high quality and global competitiveness through biotechnology approach of multi-omics</p> <p>2018</p> <p>RISTEKDIKTI (INSINAS)</p> <p>~US\$ 15,000</p> <p>Physiological and Transcriptomic Studies on the Sugar Metabolism pathways to improve the Indonesian Local Nusantara Fruit Quality</p> <p>2019</p> <p>RISTEKDIKTI (PDUPT)</p> <p>~US\$ 7,000</p> <p>The DNA barcodes estimate species richness of underutilized fruits in Meratus Mountains, Balangan district, South Kalimantan</p> <p>2020</p> <p>NAGAO Natural Environment Fundation</p> <p>~US\$ 4,500</p>		
Industry collaborations over the last 5 years	<p>Project title</p> <p>Partners</p>		
Patents and proprietary rights	Title	Year	
	RujakBase	2018	
Important publications over the last 5 years	<p>Total Number of publications (2015-2019): 11</p> <p>Fitri Indriani, Ulfah J. Siregar, Deden Derajat Matra, Iskandar Z Siregar: De novo transcriptome datasets of Shorea balangeran leaves and basal stem in waterlogged and dry soil. Data in Brief 02/2020; 28:104998., DOI:10.1016/j.dib.2019.104998</p> <p>Hasyyati Shabrina, Ulfah J. Siregar, Deden D. Matra, Iskandar Z. Siregar The dataset of De novo transcriptome assembly of Falcataria moluccana cambium from gall-rust (Uromycladium falcatarium) infected and non-infected tree. Data in Brief 09/2019; 26:104489.</p>		

	<p><i>Deden Derajat Matra, Toshinori Kozaki, Kazuo Ishii, Eiichi Inoue. Comparative transcriptome analysis of translucent flesh disorder in mangosteen (Garcinia mangostana L.) fruits in response to different water regimes. PLoS ONE 07/2019; 14(7):e0219976.</i></p> <p><i>Hafidz Ramdan Halim, Dhika Prita Hapsari, Ahmad Junaedi, Arya Widura Ritonga, Azis Natawijaya, Roedhy Poerwanto, Sobir Sobir, Winarso Drajad Widodo, Deden Derajat Matra Metabolomics Dataset of Underutilized Indonesian Fruits; Rambai (Baccaurea motleyana), Nangkadak (Artocarpus nangkadak), Rambutan (Nephelium lappaceum) and Sidempuan Salak (Salacca sumatrana) using GCMS and LCMS. Data in Brief 03/2019; 23., DOI:10.1016/j.dib.2019.103706</i></p> <p><i>Deden Derajat Matra, Arya Widura Ritonga, Azis Natawijaya, Roedhy Poerwanto, Sobir Sobir, Ulfah Juniarti Siregar, Winarso Drajad Widodo, Eiichi Inoue. Datasets for genome assembly of six underutilized Indonesian fruits. Data in Brief 02/2019; 22:960–963</i></p> <p><i>Deden Derajat Matra, Arya Widura Ritonga, Azis Natawijaya, Roedhy Poerwanto, Sobir Sobir, Eiichi Inoue Dataset from de novo transcriptome assembly of Nephelium lappaceum aril. Data in Brief 02/2019; 22:566–569.</i></p> <p><i>Deden Derajat Matra, Arya Widura Ritonga, Azis Natawijaya, Roedhy Poerwanto, Sobir Sobir, Winarso Drajad Widodo, Eiichi Inoue Dataset of the first de novo transcriptome assembly of the arillode of Baccaurea motleyana. Data in Brief 02/2019; 22:332–335.</i></p> <p><i>Deden Derajat Matra, Toshinori Kozaki, Kazuo Ishii, Roedhy Poerwanto, Eiichi Inoue. De novo transcriptome assembly of mangosteen (Garcinia mangostana L.) fruit. Genomics Data 12/2016; 10(C):35-37.</i></p> <p><i>Deden Derajat Matra, Roedhy Poerwanto, Edi Santosa, Sobir, Hisao Higashio, Hiroyuki Anzai, Eiichi Inoue. Analysis of Allelic Diversity and Genetic Relationships Among Cultivated Mangosteen (Garcinia mangostana L.) in Java, Indonesia Using Microsatellite Markers and Morphological Characters. Tropical Plant Biology 02/2016; 9(1):29-41.</i></p>		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	Indonesian Society for Horticulture	Chief of Managing editor for JHI Journal	2019-present