

Staff Handbook

Name	Ir. Indiyah Murwani, MP.		
Position	Lecturer		
Academic career	Initial academic appointment	Agrotechnology Department, Agriculture Faculty, University of Islam Malang, Indonesia	1991
	Master degree	Agriculture Faculty University of Brawijaya, Indonesia	1997
	Undergraduate degree	Agriculture Faculty University of Brawijaya, Indonesia	1982
Employment	Lecturer	Agrotechnology Department, Agriculture Faculty University of Islam Malang	1990-now
Subject Module	<ul style="list-style-type: none"> • Landscape architecture • Techniques of Soilless Cultivation • Urban Farming 		
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • Increasing in Effectiveness of Broccoli plant waste as a Biofumigant to Control <i>Ralstonia solanacearum</i> on Tomato Plants (<i>Solanum lycopersicum</i> L.) (2014-2015) • Utilization of Role of Epigeic earthworms (<i>Lumbricus Rubellus</i>) as Producer of Vermicompost Plus and Earthworms Endogeic (<i>Pontoscolex Corethrurus</i>) as Ecosystem Engineer For Production of High Quality Organic Vegetable (2015-2017) • Provision of Specific Tuber For Potato Chips Industry With Local Raw Materials Through The Development of Medium Potato Cultivation Technology (2019-2021) 		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights			
Important publications over the last 5 years	<ul style="list-style-type: none"> • Nurhidayati, U. Ali. I. Murwani. 2015. Influence of The Kind of Vermicompost Material and Earthworm <i>Pontoscolex Corethrurus</i> Population on The Yield and Quality of Phak-Coi Mustard (<i>Brassica Rapa</i> L.) With Organic Potting Media. International Conference on Life Sciences and Biotechnology. ISBN :9786029030983. P. 168-176 • Nurhidayati, U. Ali. I. Murwani .2016. Yield and Quality of Cabbage (<i>Brassica oleracea</i> L. Var.capitata) under Organic Growing Media Using Vermicompost and Earthworm <i>Pontoscolex corethrurus</i> Inoculation. Agriculture and Agricultural Science Procedia. 11 (2016) : 5-13 • Nurhidayati, U. Ali. I. Murwani. 2017. Chemical Composition of Vermicompost Made from Organic Wastes through the Vermicomposting and Composting with the Addition of Fish Meal 		

	<p>and Egg Shells Flour. J. Pure App. Chem. Res., 6 (2), 127-136</p> <ul style="list-style-type: none"> • Nurhidayati, M. Machfudz, I. Murwani . 2017. Growth, Yield and Quality of Broccoli (Brassicace oleraceae L) as a Response to Application of Three Kinds of Vermicompost with Organic Planting System. Proceeding of National Seminar Optimizing of Utilization of Local Resources Towards Sustainable National Food Self-reliance, ISBN: 978-602-61781-0-7. P.175-190 • Nurhidayati, M. Machfudz, I. Murwani. 2017. Direct and Residual Effect of Various Vermicompost on Yield and Quality of Broccoli. Journal of Applied Scinces Research. 13(8) : 30-37. • Nurhidayati, M. Machfudz, I. Murwani. 2017. Combined Effect of Vermicompost and Earthworm Pontoscolex corethrurus Inoculation on The Yield And Quality Of Broccoli (Brassica Oleracea L.) Using Organic Growing Media. Journal of Basic and Applied Research. V22 (4) Hal.148-156. • N.Afarita, M.W. Lestari, I Murwani, T Higuchi. 2017 Isolation of indigenous phosphate solubilizing bacteria from green bean rhizosheres. J. of Degradedand MiningLands Management.ISSN 2339-076X(p)2502-2458€. Volume 4. Number 3) • Rosyidah, A., I, Murwani, B. Siswadi. 2017. Effect of the use of Potassium Fertilizer on the Resistance and Growth of Tomato to Bacterial Wilt caused by <i>Ralstonia solanacearum</i>. International Journal of Environment, Agriculture and Biotechnologi. 2(4). pp. 2265-2269 • Nurhidayati, M. Machfudz, I. Murwani. 2018. Direct and Residual Effect of Various Vermicompost on Soil Nutrient and Nutrient Uptake Dynamics and Productivity of Four Mustard Pak-Coi (Brassica rapa L) Sequences in Organic Farming System. International Journal of Recycling of Organic Waste in Agriculture. 7 (2) : 173-181 • Lestari, M.W., Mardiyani, S.A., I.Murwani, and M. Ulfah. 2020. Viability of Crassocephalum crepidioides seeds due to Boron application. In <i>IOP Conference Series: Earth and Environmental Science</i> (Vol. 475, No. 1, p. 012027). IOP Publishing)
Activities in specialist bodies over the last 5 years	<ul style="list-style-type: none"> • Member of Agrotechnology Indonesia Assosiation (1998-now) • Member of Indonesian Agronomy Assosiation (2020-now)
Activities in specialist bodies over the last 5 years	<ul style="list-style-type: none"> • Head of Agrotechnology Department (2015-2019) • Head of Agrotechnology Laboratory (2019- now)