

HANDBOOK STAFF PROFILE

AGROTECHNOLOGY STUDY PROGRAM FACULTY OF AGRICULTURE UNIVERSITAS NUSA CENDANA

ACKNOWLEDGEMENT

The Teaching Staff Profile Handbook is a book that contains information about teaching staff at the Agrotechnology Study Program, Faculty of Agriculture, Universitas Nusa Cendana. This book describes in detail each teaching staff's self-identity, including name, education, and research or patents produced in the last five years. It is hoped that this book can become a source of information regarding the academic potential and abilities of teaching staff at the Agrotechnology Study Program, which is not only beneficial for the academic community but also for stakeholders.

A deep thank you is conveyed to all parties who have provided assistance and support for the completion of the Agrotechnology Study Program Teaching Profile Handbook

Kupang, July 2022

Team

VISION AND MISION OF AGROTECHNOLOGY STUDY PROGRAM FACULTY OF AGRICULTURE

Vision

Vision of Agrotechnology study program is "by 2025, the Agrotechnology Study Program at Faculty of Agriculture University of Nusa Cendana becomes an institution that implements the Tri Dharma of Higher Education (Teaching, Research and Community Service) in the field of sustainable agrotechnology for the archipelagic semi-arid region, with an entrepreneurial and globally competitive mindset."

Mission

Missions Agrotechnology study program are:

(1) Organizing educational activities to: (a) Form and produce graduates who are independent, have high integrity, and uphold the values of national culture and universal human values. (b). Form and produce graduates with academic competence and skills in agrotechnology to address the problems and needs of agricultural development in the archipelagic semi-arid region.

(2) Implementing the development of innovative and responsive Science, Technology, and Art (IPTEKS : Ilmu Pengetahuan, Teknologi dan Seni) in the field of agrotechnology to address the challenges faced in sustainable agricultural development in the archipelagic semi-arid region.

(3) Engaging in community activities through the reciprocal dissemination, transfer, and adoption of IPTEKS in the field of agricultural land in the archipelagic semi-arid region.



Dr. Ir. Muhammad S.M. Nur, M.S Dean of Faculty of Agriculture







Dr. Tomycho Oliviana, SP., MMA Vice Dean for Human Resources and Finance



Petronella S. Nenotek, SP., M.Si Agrotechnology Study Program Coordinator



Name	Agnes Virginia Simamor	a		
Position	Plant Pest and Disease, P	rofessor		
Academic Career	Lecturer	Universitas Nusa	1994	
		Cendana		
	Senior Lecturer	Universitas Nusa	2014	
		Cendana		
	Professor	Universitas Nusa	2021 - present	
		Cendana		
	Ph.D. Bioscienses and	Murdoch University.	2016	
	Biotechnology-Forest	Australia		
	Pathology			
	Master of Crop	The University of	2000	
	Protection.	Adelaide, Australia		
	BSc. in Agronomy	Universitas Nusa	1992	
		Cendana		
Employment	Teaching Staff at Faculty	of Agriculture, Universitas	Nusa	
	Cendana, 1994 - present			
Address	Office: Agrotechnology Department, Faculty of Agriculture,			
	Universitas Nusa Cendan	a, Email: asimamora@staf.u	indana.ac.id	
Research and	1. Antiphytopathogenic test and phytochemical analysis of			
developmentt project	endophytic fungi from sandalwood plants			
during the last five	2. Identification the patho	ogens of tuber rot disease of	nuabosi	
years	cassava in Ende Regen	су		
	3. Characterisation of Pathogens in Ampupu (Eucalyptus urophylla)			
	4. Characterisation of Main Diseases of Apple Plants in South			
	Central Timor Regency			
Important	1. Agnes V. Simamora,	Trudy Paap, Kay Horward, I	Michael J.C.	
publications during	Stukely, Giles E. StJ. I	Hardy and Treena I. Burgess.	. 2018.	
the last 5 years	Phytophthora contamin	nation in a nursery and its po	tential	
	dispersal into the natur	al environment. Plant Disea	ise . 102:132-	
	139/20			
	2. T.I. Burgess, A.V. Sin	namora , D. White , B. Wilia	ams, M.	
	Schwager, M.J.C. Stuk	cely, G.E.St.J. Hardy. 2018.	New Species	
	from Phytophthora Cla	ade 6a: evidence for recent ra	adiation.	
	Persoonia . 41:1-17/2018			
	3. Agnes V. Simamora, Mayavira V. Hahuly, Julinda BD. Henuk.			
	2021. Endophytic fung	gi as potential biocontrol age	nts of	

Phytophthora palmivora in the cocoa plant. Biodiversitas . 22(5):
2601-2609/2021
4. Antonius R.B. Ola, Titus Lapailaka, Hermania EM Wogo,
Julinda BD Henuk, Agnes Simamora, Lince Mukkun, Peter
Proksch, Chong Dat Pam. 2021. Bioactove secondary metabolites
from the mangrove endophytic fungi Nigrospora oryzae.
Indonesian Journal of Chemistry. 21(4): 1016-1022
5. Yohanis Ngongo, Tony Basuki, Bernard de Rosari, Evert Y.
Hosang, Jacob Nulik, Helena da Silva, Debora Kana Hau,
Alfonso Sitorus, Noldy R. E. Kotta, Gerson N. Njurumana, Eko
Pujiono, Lily Ishaq, Agnes V. Simamora, and Yosep Seran Mau.
2022. Local Wisdom of West Timorese Farmers in Land
Management. Sustainability. 14 (10), 6023



Name	Yosep Seran Mau		
Position	Plant Breeding and	l Plant Pathology, Professor	
Academic Career	Lecturer	Universitas Nusa Cendana	1994
	Senior Lecturer	Universitas Nusa Cendana	2014
	Professor	Universitas Nusa Cendana	2020 -
			present
	Ph.D. in	The University of Queensland.	2008
	Molecular and	Australia	
	Microbial		
	Sciences		
	MSc. in Plant	The University of Saskatchewan,	2000
	Sciences	Canada	
	BSc. in	Universitas Nusa Cendana	1992
	Agronomy		
Employment	Teaching Staff at I	Faculty of Agriculture, Universitas N	usa Cendana,
	1994 - present		_
Address	Office: Agrotechne	ology Department, Faculty of Agricu	lture,
	Universitas Nusa (Cendana, Email: yosepmau@staf.unc	lana.ac.id
Research and	1. Sweet potato crop improvement utilizing local germplasms and		
Development	national/introduction varieties		
Projects during the	2. Evaluation of local varieties of upland rice and its utilization for improvement of upland rice varieties with specific adoptation to		
last five years	semi-arid region		
	3. Evaluation of local isolates of biological control agents		
	(Trichoderma s	pp. etc) for controlling brown spot di	sease of rice
	4. Improvement of	f local mungbean varieties through h	ybridization
Patents and	1. Breun Senaren	1 (upland red rice of East Flores	2019
Proprietary Rights	Regency/Adona	ira)	
	2. Breun Senaren 2	2 (upland red rice of East Flores	2019
	Regency/Adona	ara)	
	3. Breun Senaren 3	3 (upland black rice of East Flores	2019
	Regency/Adona	ara)	
Important	Selected publicati	ions from a total of 18 publications	
publications during	1. Mau, Y.S., A	.S. Ndiwa, J.E.R. Markus, S.S.	Oematan, A.
the last 5 years	Nasution, Dody	y D. Handoko, Kisman Makbul. 2	2017. Genetic
	diversity of red	and black upland rice accessions fr	om East Nusa
	Tenggara, Indor	nesia as revealed by agro-morphologi	cal characters.
	Biodiversitas 1	8(1): 197-211.	

	2. Mau, Y.S., A.S. Ndiwa,	2018. Field Evaluati	ion of Late Leaf Spot
	and Leaf Rust Resistar	nce and the Associa	ted Yield Losses in
	Indonesian Groundnut	Genotypes. Asian	Journal of Plant
	Sciences 17(3): 134-141.		
	3. Mau, Y.S., A.S. Ndiwa, J.E.R. Markus, S.S. Oematan, 2019.		
	Drought Tolerance Indices for Selection of Drought Tolerant, High		
	Yielding Upland Rice Genotypes. Australian Journal of Crop		
	Sciences, 10 (3): 170-178.		
	4. Mau, Y.S., A.S.S Ndiwa	n, S.S. Oematan. 2020	. Brown Spot Disease
	Severity, Yield and Yield	d Loss Relationships	in Pigmented Upland
	Rice from East Nusa Te	enggara, Indonesia. I	Biodiversitas 21 (4):
	2625-2634.		
	5. Jenny E.R. Markus, A.S.S. Ndiwa, Shirly S. Oematan, Yosep S.		
	Mau. 2021. Variations of grain physical properties, amylose and		
	anthocyanin of upland red rice cultivars from East Nusa Tenggara,		
	Indonesia. Biodiversitas 22(3): 1345-1353.		
	6. Mau, Y.S., R.S. Prayet	tno, H. Kaka, K.D.	Naat, J.B.D. Henuk,
	M.V. Hahuly, Y.R. Gandut. 2022. Efficacy of indigenous		
	Trichoderma isolates o	f West Timor, Indo	onesia, as biocontrol
	agents of brown spot ((Drechslera oryzae)	on two upland rice
	varieties. Egyptian Jour	rnal of Biological Pe	est Control 32 (1), 1-
	10	1	1
Activities in	Indonesian Researcher	Sub-coordinator	2022 - present
specialist bodies	Association, East Nusa	of Agriculture	
over the last 5 years	Tenggara Regional	Section	
	Commissariat		
	Indonesian Agronomy	Vice Secretary	2020 - present
	Association, East Nusa		
	Tenggara Regional		
	Commissariat		



Name	Lince Mukkun		
Position	Postharvest Biology and Technology, Professor		
Academic Career	Lecturer	Universitas Nusa Cendana	1986
	Senior Lecturer	Universitas Nusa Cendana	2009
	Professor	Universitas Nusa Cendana	2021 - present
	Ph.D. in	Curtin University, Western	2004
	Postharvest Biology	Australia	
	and Technology		
	MSc. in Postharvest	Institut Pertanian Bogor,	1990
	Technology	Indonesia	
	BSc. in Plant	Universitas Hasanuddin,	1985
	Protection	Indonesia	
Employment	Teaching Staff at Fac	ulty of Agriculture, Universita	as Nusa
	Cendana, 1986 - pres	ent	
Address	Office: Agrotechnolo	gy Department, Faculty of Ag	griculture,
	Universitas Nusa Cer	ndana, Email: lmukkun@staf.u	undana.ac.id
Research and	1. Characterization of Physicochemical Properties of Various Types		
Development	of Local Sorghum and Development of Sorghum-Based Food		
Projects during the	Products		
last five years	2. Utilization of Pla	ant Based Natural Dyes on	n Ikat Weaving
	Businesses in East	Nusa Tenggara	
	3. Resistance Test of	Several Sorghum Varieties ag	ainst Sitophylus
	zeamays in the stor	age	-
	4. Early Detection of	Spodoptera frugiperda (Lepid	optera:
	Noctuidae) on Cor	n in East Flores District, East	Nusa Tenggara
	5. In Vitro Test on th	e Potential of Trichoderma ha	<i>irzianum</i> as a
	Biological Control	ling Agent Against Aspergillu	is flavus in Corn
	during Storage		
	6. Application of Pos	tharvest Technology and its In	mpact on the
	quality of Coffee f	rom Flores, NTT	
.	7. Isolation of Chitin	and Chitosan from Locust mig	gratoria L.
Important	Publications over th	e last five years	
publications during	1. Mukkun, L ., H.J.L	D. Lalel. Y. Tandi Rubak. 2018	. Initial Moisture
the last 5 years	Content of Cornco	bs Plays an Important Role in	n Maintaining its
	Quality during Stor	rage. Agritech, 38 (2) 2018,	
	10/-1/1.	D Lalal N Dickara M D D	handon and VI
	2. MUKKUN, L., H J	D Laiei, N Richana, M B Pa	bendon and Y.L.
	Kleden. 2018. Th	e diversity of local sorghum (Sorghum bicolor

	L. Moench) in Nusa Tenggara Timur province. I Earth and Environmental Science Vol 144 : 012	OP Conf. Series: 2065.	
	3. Benu, M.M.M., A.S.J. Adutae, L. Mukkun.	2020. Impact of	
	Insecticide Residues on the Diversity of Soil F	ungi on Mustard	
	Greens. Jurnal Ilmu Tanah dan Lingkungan	C	
	22 (2): 80-88.		
	4. Mukkun, L., H.J.D. Lalel., Y.L. Kleden. 2021.	The Physical and	
	Chemical Characteristics of Several Accession	ons of Sorghum	
	Cultivated in East Nusa Tenggara, Indonesia. BI	ODIVERSITAS,	
	20 (5): 2520-2531.		
	5. Mukkun, L., Y.L. Kleden, A.V. Simamora. 20	21. Detection of	
	Spodoptera frugiperda (JE Smith) (Lepidoptera	a: Noctuidae) in	
	Maize field in East Flores District, East Nusa Te	nggara Province,	
	Indonesia. International J. of Tropical Drylands, 5 (1): 20-26.		
	6. Ola, A.R.B., T. Lapailaka, H. E. Wogo, , J. B.	D. Henuk, A. V.	
	Simamora, L. Mukkun, P. Proksch, C. D. Pham.	2021. Bioactive	
	Secondary Metabolites From The Mangrove E	ndophytic Fungi	
	Nigrospora oryzae. Indonesian Journal of Chem. 21 (4): 1016-		
	1022.		
	7. Pakan, P., D. Indriarini, R. M. Hutasoit, R. R. We	oda, L. Mukkun .	
	2022. Formulations and Antibacterial Activity of	Moringa oleifera	
	Extract in Hand Sanitizer Gel against Staphyl	ococcus aureus.	
	International Journal of Drug Delivery Technolo	gy, 12 (3) 12/5-	
	12/8.	2022	
Activities in	Niasyarakat Biodiversitas Indonesia	2022 - present	
specialist doules			
over the last 5 years	Indonesian Agronomy Association, East Nusa	2020 - present	
	Tenggara Regional Commissariat		



Name	I N. Widiartha Maha	ayasa	
Position	Agronomy, Professor		
Academic Career	Lecturer	Universitas Nusa Cendana	1994
	Professor	Universitas Nusa Cendana	2011-
			present
	Ph.D. in	Universitas Brawijaya	2007
	Agronomy		
	MSc. in Plant	Universitas Padjajaran,	1992
	Sciences	Bandung	
	BSc. in Agronomy	Universitas Negeri Jember	1985
Employment	Teaching Staff at Fa	culty of Agriculture, Universitas	Nusa
	Cendana, 1988 - pre	esent	
Address	Office: Agrotechnol	ogy Department, Faculty of Agric	ulture,
	Universitas Nusa Ce	endana,	
	Email:		
Research and	1. Anti microbial ac	tivity test of palm fruit (Borrasus	sundaicus)
Development	extract against Ca	undida albicans and Staphylococci	US
Projects during the	2. Evaluation of the antifungal antioxidant activities of palm fruit		
last five years	(Borrasus sundaicus) fiber pulp		
	3. Standarization of palm fruit (<i>Borrasus sundaicus</i>) extract as antioxsidan		
	4. Selection and hib	ridization of hybrid (Borrasus sun	daicus)
Patents and	1. The methods of re	educing tannin levels causing	2019
Proprietary Rights	bitter taste in palr	n fruit pulp	
	2. Lontar (Borrasus	sundaicus) plant nursery	2020
	technique.		
	3. The Process of ju	ice from ripe palm fruit	2017
	(Borrasus) fiber a	s syrup.	
	4. The process of pa	Im fruit into lunkhead and other	2007
	products.		
	5. The process of ma	aking nata from ripe palm fruit.	2017
	6. The process of pr	eserving palm sap.	2022
Important	1. Effort to explore	the potential use of palmyrah fruit	for
publications during	functional food. H	Ierianus Justhianus D. Lalel, I. Ny	oman
the last 5 years	Widiarta Mahay	asa, Zulianatul Hidayah, Kartiwa	n Kartiwan,
	british food journ	al. British Food Journal, Vol. 119	Issue: 10,
	pp.2253-2266, htt	ps://doi.org/10.1108/BFJ-10-2016	5-0507
	2. Lontar Selection	and Hybridization of Palmyra. Me	eity A Tulalo;
	Sukmawati Maw	vardi; Nyoman Mahayasa ; F	ransiscus X.

	Wagiman: dan Hengki No	ovarianto, Buletin Pa	alma Volume 21 No.
	1, Juni 2020: 38 – 46		
	3. The preliminary study of	antimicrobial activit	ty of Brassus
	flabilifer L mesocarp extract. Putu Gita Maya Widyaswari		
	Mahayasih dan I Nyoman Widiartha Mahayasa. Journal of		
	pharmaceutical reseach ir	nternasional, volume	e 34, issue 55, page
	18-25		
	4. Physicochemical and organoleptic properties of gebang (corypha		
	utan) starch-based analogous rice with dolichos bean (lablab		
	purpureus) flour suplementation. Herianus J.D Lalel; I Nyoman		
	W. Mahayasa; Lince Mu	ıkkun; Zainal Abidiı	n; dan Anita R.B.
	Ata. International Journal	l of Tropical Dryland	ds. Vol 6 no. 2 : 45-
	49. (2022)		
	5. The application of techno	ology for making pia	a as food from local
	natural resources from pa	alm fruit fibers to in	prove the economy
	of the people of Rote Isla	nd	
Activities in	Himpunan Kerukutan	Chairman of the	2022-2027
specialist bodies over	Tani Indonesia	expert council	
the last 5 years			



Name	Herianus J. D. Lalel		
Position	Post-harvest Biology and Technology, Professor		
Academic Career	Lecturer	Universitas Nusa Cendana	1989
	Ph.D in Post-	Curtin University, Western	2003
	harvest Biology	Australia	
	and Technology		
	M.Sc in Post-	Institut Pertanian Bogor	1994
	harvest		
	Technology		
	B.Sc in Agronomy	Universitas Nusa Cendana	1988
Employment	Teaching Staff at Fac	culty of Agriculture, Universitas N	usa Cendana
	1989 - present		
Address	Office: Agrotechnolo	ogy Department, Faculty of Agricu	lture,
	Universitas Nusa Ce	ndana,	
	Email: hlalel@yahoo	o.com	
Research and	1. Evaluation of Phy	ysiological Properties, Aroma Qua	lity and
Development	Yield Components of Local Varieties of Aromatic Gogo Rice in		
Projects during the	SBD District in Response to Drought Stress (2017 - 2019)		
last five years	2. Exploring the Potential of Exotic Fruits in West Timor for the		
	Development an	d Preservation of Local Germpla	asm (2018 –
	2019)		
	3. Utilization of An	gkak (Monascus spp) in the Proces	ss of Making
	Se'i and Modifying The Shape of The Size of Meat to The Shelf		
	Life of Se'i Beef	(2020)	
	4. Ethnobotany Stu	dy of Lesser Sunda (2020 – 2021)	
	5. Efforts to Contro	l Locusts Through Their Use as A	Source of
	Functional Food	(2021)	•
Patents and	1. Reduction Techn	ique in Palm Fruit Pulp	2019
Proprietary Rights	2. The Process of M	Iaking Palm Young Fruit	2021
	Endosperm Gel a	s Ice Cream Raw Material	
	3. Manufacture of Y	east Based on Lontar Fruit	2021
	Extract for Bioet	hanol Production	
	4. The Process of M	Iaking Lontar Sap as A	2021
	Functional Drink		
	5. The Process of M	laking Intermediate Product of	2021
	The Endosperm of	of Young Fruit Lontar as	
	Functional Food	Ingredients	
Important	1. Mukkun L, Lalel	H J D , Kleden, Y L. The Physica	l and
publications during	Chemical Charac	teristics of Several Accessions of S	Sorghum

the last 5 years		Cultivated on Drylands i	n East Nusa Tengga	ra, Indonesia. 2021.
		Biodiversitas Journal of	Biological Diversity	<u>7. 22 (5), 2520-2531</u>
	2.	Antonius R. B. Ola, Yos	efa Cysilia Bheku D	je, Agustina E
		Nahas, Petronela Nenote	k, Theo Da Cunha, I	Dodi
		Darmakusuma, Henderia	ana L. L. Belli and H	lerianus J. D.
		Lalel. 2021. Chemical P	rofile and Biological	l Activity of
		Essential Oils From Psid	lium guajava Grown	In Timor Island-
		Eastern Indonesia. Rasay	an Journal of Chem	istry. 14 (2), 1312-
		1315		
	3.	Lina Yunita, Herianus	Lalel, Stefanus P	Manongga, Frans
		Umbu Datta, Christina (Olly Lada. Effects o	of Betamelor (Black
		Rice, Red Beans, and	l Moringa Leaves)) Consumption on
		Hypercholesterolemic Ra	ats. 2021. EAS Jour	nal of Nutrition and
		Food Sciences. 3 (3), 68-	-73	
	4.	Antonius R. B. Ola, Chri	istina A. P. Soa, Yos	seph Sugi, Theo Da
		Cunha, Henderiana L. L.	Belli and Herianus	5 J. D. Lalel . 2020.
		Antimicrobial Metabolite	e From The Endophy	ytic Fungi
		Aspergillus flavus Isolate	ed From Sonneratia	alba, A Mangrove
		Plant of Timor-Indonesia	a. Rasayan Journal o	of Chemistry. 13
		(1), 377-381		
	5.	Senny R. Taimenas, S. N	Ianongga, F. U. Dat	ta, H. Lalel , C.
		Lada. 2020. The Effect of	of Parenting Patterns	on Pre-school-age
		Children Development in	n South Central Tim	or. EAS Journal of
	Nursing and Midwifery. 2 (6), 364-367			
	6. N. R. Ratrigis, S. P. Manongga, F. U. Datta, H. J. D. Lalel, A. U.			
	Roga. 2020. Determinants of growth of preschool children in			
		rural and urban areas ne	orth central Timor	district - East Nusa
		Tenggara Province –	Indonesia. Interna	ational Journal of
		Sciences: Basic and App	lied Research. 54 (4), 304-313
Activities in	In	donesian Association of	Member	2004 - present
specialist bodies	Fo	ood Technology Experts		
over the last 5 years	(P	ATPI)		
	In	donesian Agronomic	Head	2018 - present
	As	ssociation (PERAGI),		
	N	IT Region		



Name	I N Prijo Soetedjo		
Position	Soil Science, Associate Professor		
Academic Career	Lecturer	Universitas Nusa Cendana	1988
	Senior Lecturer	Universitas Nusa Cendana	2006
	Ph.D. in Soil Sciences	Curtin University of Technology, Perth Australia	2000
	M.Sc. in Plant Sciences	Gadjah Mada University, Yogyakarta, Indonesia	1995
	BSc. in Agronomy	Universitas Pembangunan Nasional Indonesia	1985
Employment	Teaching Staff at l Cendana, 1988 - p	Faculty of Agriculture, Universitas Nu resent	sa
Address	Office: Agrotechn Universitas Nusa (prijosoetedjo@gm	ology Department, Faculty of Agricult Cendana, Email: <u>prijosoetedjo@staf.ur</u> ail.com	ture, ndana.ac.id,
Research and Development Projects during the	Use of active powder of cassava on various time applications improve carrying capacity of Vertisol and Alfisol on dry la farming systemVarious dosages of active powder of cassava improved sustainabil of physical and chemical characteristics of Vertisol and Alfisol dryland farming system		lications to n dry land
last five years			istainability 1 Alfisol on
	Analysis of Sustain Potential Water A Indonesia. Indones	nable Water Resources Management B Availability in The Semi Arid Area sian	ased on The of Kupang
Patents and Proprietary Rights	 Biodiversity, Potential, and Development for Food and Feed at Semau Island, 2009 IPR No. 000116694 Development of people learning models to improve farming farm management and renewable energy based on simple technology in Semau Island. 2009. IPR No. 000116462 Natural Resources and environmental development at Rote Island. 2009. IPR No 000116693 Natural Resources and environmental development at Semau Island. 2009. IPR No 000118467 		
Important publications during the last 5 years	1. IN P Soetedjo . capacity Vertiso Fanres 2018, In and Natural Re	2019. Use of active powder to impro- ol dan Alfisol on dry land farming syst atternational Conference on Food, A esources	ove carrying em. The 4 th griculture,
	2. IN P Soetedjo , of cassava on	E Nguru, Y Benggu . 2019. Use of act various time applications to improv	tive powder ve carrying

capacity of Vertisol and Alfisol on dry land farming system. Intl J
Innov Creativity Change (5), 3, 327-342
3.IN P Soetedjo . 2019. Various dosages of active powder of
cassava improved sustainability of physical and chemical
characteristics of Vertisol and Alfisol on dryland farming system.
International Journal of Tropical Drylands Vol 3, No 1, 29-33
4. IN. P. Soetedjo Marlin A. Koan, Jakobis Johanis Messakh, 2020
Analysis of Sustainable Water Resources Management Based on
The Potential Water Availability in The Semi Arid Area of Kupang
Indonesia. Indonesian. Journal Of Urban And Environmental
Technology , (4), 80-96
5. IN P Soetedjo. 2020. The effect of various dosages of fishbone
flour and tofu slurry on chemical characteristic of alfisol and yield
of leaf cabbage (Brassica oleracea var. acephala). International
Journal of Tropical Drylands Vol 4 No 20, 58-62



Name	I Wayan Mudita			
Position	Crop Protection, Associate Professor			
Academic Career	Lecturer	Universitas Nusa Cendana	1986	
	Senior Lecture	Universitas Nusa Cendana	2003	
	Ph.D. in Plant	Charles Darwin University	2013	
	Biosecurity			
	MSc. in Plant	McGill University Montreal,	1991	
	Sciences	Canada Montreal, Canada		
	BSc. in Plant	Universitas Mataram	1984	
	Protection			
Employment	 Academic staff at Fakultas Pertanian Undana Staff (1986 present) and Program Magister Ilmu Lingkungan Undana present) Head of Research Center for Environmental and Natural F Head of Research and Development Center for Arboretum 2010) Vice Rector for Cooperation (2014 - 2018) Vice Rector for Cooperation (later changed to Vice Rector for Planning, Information System, and Cooperation (2018 - 2022) 			
Address	Office: Agrotechnology Department, Faculty of Agriculture,			
	Universitas Nusa			
	Cendana, Email: iwayanmudita@staf.undana.ac.id			
Research and Development	1. Community biosecurity of huanglongbing disease on citrus in West Timor			
Projects during the	2. Diversity and B	iosecurity of banana, focusing in	detection and	
last five years communication of blood disease of banana dan biodiversity as means to adapt to and mitigate the in disease			using banana mpacts of the	
	3. Development of rehabilitation, focu Ficus as framework	Ficus as framework species for sing on local community engagement k species	environmental t in promoting	
Important	Selected publicatio	ns		
publications during the last 5 years	 nampa, I.W., Mudita, I.W., Widinugraheni, S., Natonis, R.L. & Surayasa, M.T. (2022) Impacts of banana blood disease outbreak to the farmers' households food security in Sumba Island, East Nusa Tenggara Province, Indonesia. IOP Conferen Series: Earth and Environmental Science. 1107 (1), 012089. doi:10.1088/1755-1315/1107/1/012089. 		nis, R.L. ease umba Conference 2089.	

2. Ray, J., Rincon-Florez, V., Mudita, I.W., Markus, J.E.R.,
Subandiyah, S.,O'Dwyer, C. & Drenth, A. (2018) Dispersal of
banana blood disease in Southeast Asia.
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932.
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Blood Disease PBCRC SI20063 Final Report.
https://www.academia.edu/40249021/Banana_Blood_Disease_PBC
RC_SI20063_Final_Report.
4. Benu, F. & Mudita, I W. (2018) Go bananas no more: socio-
economic and biosecurity implications of blood disease of banana in
sumba island, the province of East Nusa Tenggara



Name	Muhamad Kasim			
Position	Agronomy, Associate Profe	ssor		
Academic Career	Lecturer	Universitas Nusa Cendana	1988	
	Ph.D. in Agronomy	Universitas Padjajaran	2000	
	MSc. in Agronomy	Uuniversitas Nusa Cendana	1994	
	BSc. in Agronomy	Universitas Nusa Cendana	1987	
Employment	Teaching Staff at Faculty	of Agriculture, Universitas Nusa	ι Cendana,	
	1988 - present			
Address	Office: Agrotechnology De	partment, Faculty of Agriculture,		
	Universitas Nusa Cendana,			
	Email: muhamadkasim050	8@gmail.com		
Research and	1. Amelioration of tofu dr	egs as organic fertilizer in mustar	d plants	
Development Projects	2. The effect of pruning fr	requency of sandalwood host pla	nts and the	
during the last five	composition of organic	matter in the planting media on	the growth	
years	of sandalwood seedlings			
Important	1. Kasim, M., and Effy Roefaida, 2018. Growth Response of			
publications during	Sandalwood Seeds to Various Types of Sandalwood Host Plants.			
the last 5 years	Proceedings of the 5th National Agricultural Seminar 201			
	Sustainable Management of Dryland Agriculture to Support Food			
	Sovereignty, Kupang 26	5 October 2018. Pages 83-89		
		1.		
	2. Asrarudin, Yokel L. Ben	ggu, Lily F. Ishaq, Elias S. T. Ng	uru, and	
	Muhamad Kasim, 2022.	Study of the Chemical Properties	of Afisol	
	Soil and Cherry Tomato	Plant Yields due to the Application	on of	
	Organic Materials witho	ut Burning (compost) and Burnt (Droanic	
	Materials Agrice Vol 11		Jigaine	
	Waterials. Agrisa voi 11	10 2. 00-82		
	3 Kasim M. Effy Poefaids	b V P V Candut and A SS N	diwa	
	A gras Simamora, 2023. The Effect of Pruning Frequency of			
	Sandalwood Host Plants and Organic Material Composition of the			
	Planting Media on the Growth of Sandalwood Seedlings Fruitset			
	Science 10(6) pp 384-395			
	, (c). rr - 5. 69			



Name	Anthonius S.J. Adu Tae			
Position	Soil Science, Associate Professor			
Academic	Lecturer	Universitas Nusa Cendana	1988	
Career	Senior Lecturer	Universitas Nusa Cendana	2010 - present	
	Dr. in Soil Science	Universsitas Brawijaya	2004	
	MSi. in Soil Fertility and	Institut Pertanian Bogor	1994	
	Plant Nutrition			
	BSc. in Agronomy	Universitas Nusa Cendana	1987	
Employment	Teaching Staff at Faculty of	of Agriculture, Universitas Nus	sa Cendana,	
	1988 - present			
Address	Office: Agrotechnology D	epartment, Faculty of Agricult	ure, Universitas	
	Nusa Cendana,			
	Email: aadutae@yahoo.co	m		
Research and	1. The Role of Mycorrhizal	Inoculation and Biochar Dosa	ige on Nutrient	
Development	Uptake, Yield and Efficient	ency of Water Utilization of Co	orn Plants in	
Projects during	Alfisols Dryland			
the last five	2. Isolation and Characterization of Indigenous Phosphate Solubilizing			
years	Bacteria from calcareous soil of Dry Land Ecosystems in Timor			
	Tengah Selatan- East Nusa Tenggara, Indonesia			
	3.Effect of application of inorganic P fertilizer and soil microorganisms			
	on the growth and yield of corn			
Important	1. Lily Ishaq., Anthonius S.J. Adu Tae., Moresi A. Airthur., Peters O.			
publications	Bako. 2017. Abundance of Arbuscular Mycorrhiza Asociated With			
during the last	Corn Planted With Traditional and Modern Farming Systems in			
five years	Kupang, East Nusa Teng	gara, Indonesia. Biodiversitas	18(3): 887-892	
	2. Martha.M.M.Benu., An	thonius S.J. Adu Tae., Lince	Mukkun. 2020.	
	Impact of Insecticide Res	sidues on Diversity of Soil Fur	ngi in Mustard	
	Vegetable Land. Jurnal I	lmu Tanah dan Lingkungan 22	2(2): 80-88	
	3. Lily Ishaq., Anthonius	S.J. Adu Tae., Moresi A. Airt	hur., Peters O.	
	Bako 2021. Effect of Sin	gle and Mixed Inoculation of A	Asbuscular	
	Mycorrhizal Fungi and P	hosphorus Fertilizer Applicati	on on Corn	
	Growth in Calcareous Sc	il. Biodiversitas		
Activities in	Indonesian Agronomy	Sub-coordinator of	2018 - 2020	
specialist	Association, East Nusa	Organizations and		
bodies over the	Tenggara Regional	professions		
last 5 years	Commissariat			



Name	Muhammad S. M. Nur			
Position	Soil Science, Associate Professor			
Academic	Lecturer	Universitas Nusa Cendana 1988		
Career	Lecturer	Universitas Nusa Cendana	1990	
	Senior Lecture	Universitas Nusa Cendana	2010 -	
			present	
	Dr. in Land Resource	Universsitas Brawijaya	2014	
	Management			
	MSi. in Soil Science	Institut Pertanian Bogor	1994	
	BSc. in Agronomy	Universitas Nusa Cendana	1987	
Employment	Teaching Staff at Faculty	of Agriculture, Universitas Nus	a Cendana,	
	1988 - present			
Address	Office: Agrotechnology D	epartment, Faculty of Agricultu	ure,	
	Universitas Nusa Cendana	a, Email: mahmuddin_nur@staf	.undana.ac.id	
Research and	1. The Effect Of Cattle	Manure And Mineral Fertil	izers On Soil	
Development	Chemical Properties A	And Tuber Yield Of Purple-I	Fleshed Sweet	
Projects during	Potato			
the last five years	2. Water balance analysis of Talau-Loes Watershed, a cross border			
	watershed of Indonesia	and East Timor.		
	3. Isolation and Characterization of Indigenous Phosphate Solubilizing			
	Bacteria from calcareous soil of Dry Land Ecosystems in Timor			
	Tengah Selatan- East N	usa Tenggara, Indonesia		
Important	1. Nur, M.S.M. I.G.B. A. Arsa, and Y. Malaipada. 2019. Effect Of			
publications	Cattle Manure And Min	neral Fertilizers On Soil Chem	ical Properties	
during the last	And Tuber Yield Of P	urple-Fleshed Sweet Potato Ir	The Dryland	
five years	Region Of East Nusa T	enggara, Indonesia. Internation	nal Journal of	
	Tropical Drylands 3(2)	: 56-59.		
	2. Riwu Kaho, M., W.I.I.	Mella., Y.S.Mau., N.P.L.B. R	iwu Kaho, and	
	M.S.M. Nur. 2020. Wat	er balance analysis of Talau-Lo	bes Watershed,	
	a cross border watershed	l of Indonesia and East Timor 4	(1):17-24	
	3. Malaikosa, S., M.S.M	Nur dan M.Pian. 2020. Effec	t of dosage of	
	cattle manure and water	level supply on soil physical p	roperties (bulk	
	density, porosity, and so	bil water content) and yield of	melon on dry	
	land. Agrisa, 9 (1): 202-	209		



Name	I Gst. Bgs. Adwita Arsa			
Position	Plant Breeding and Agronomy, Associate Professor			
Academic	Lecturer	Universitas Nusa Cendana	1990	
Career	Senior Lecturer	Universitas Nusa Cendana	2009 -	
			Present	
	Ph.D. in Agronomy	Universitas Brawijaya,	2016	
		Malang, Indonesia		
	MSc. in Agronomy	Universitas Gadjah	1997	
		Mada, Yogyakarta, Indonesia		
	BSc. in Agronomy	IPB, Bogor Indonesia	1987	
Employment	Teaching Staff at Faculty of 1990 - present	of Agriculture, Universitas Nusa (Cendana,	
Address	Office: Agrotechnology De	epartment, Faculty of Agriculture	, Universitas	
	Nusa Cendana, Email: adw	vita_arsa@staf.undana.ac.id		
Research and	1. Evaluation of grain yield	and aroma of upland rice (Pare	Wangi var.)	
Development	as a response to soil mois	sture and salinity		
Projects during	2. Effectiveness of osmopro	otectants in improving aroma qua	lity and yield	
the last five	of Pare Wangi upland ric	ce variety grown on two different	soil types in	
years	East Nusa Tenggara			
	 3. Grain Yield and Aroma Quality of Upland Rice (Var. Pare Wangi) under Various Types and Periods of Drought Stress 4. Proximate composition and aroma quality of five aromatic upland-ria accessions from Sumba Barat Daya District, East Nusa Tenggara Province, Indonesia 			
Important	1. Arsa, IGBA., H.J.D. La	lel, 2016. Evaluation of grain yie	ld and aroma	
publications	of upland rice (Pare Wangi var.) as response to soil moisture and			
during the last 5	salinity. Current Agricu	ilture Research Journal, Vol.4/	No.1/2016.	
years	2. Arsa, IGBA., H.J.D. La	lel, 2016. Effectiveness of osmor	protectants in	
	improving aroma quality	and yield of Pare Wangi uplane	1 rice variety	
	grown on two different	soil types in East Nusa Tengga	ra. Agrivita ,	
	Vol.38/No.3/2016.			
	3. Arsa, IGBA., H.J.D. La	lel, 2017. Grain Yield and Aron	na Quality of	
	Upland Rice (Var. Pare	Wangi) under Various Types an	d Periods of	
	Drought Stress. Tropica	l Dryland, Vol. 1/No.1/2017.		
	4. Arsa, IGBA., H.J.D. Lal	el, R. Pollo, 2019. Proximate con	nposition and	
	aroma quality of five a	romatic upland-rice accessions	from Sumba	
	Barat Daya District, East	Nusa Tenggara Province, Indone	sia. Tropical	
	Drylands, Vol.3/No.2/ E	December 2019.		

5. Arsa, IGBA., H.J.D. Lalel, R. Pollo, 2020. Responses of Growth and
Yield Components, and Aroma Quality of Three Local Varieties of
Aromatic Upland Paddy from Southwest Sumba to Soil Moisture
Levels. Crop Agro, Vol.13/No.1/ January 2020.



Name	Max J. Kapa			
Position	Soil Science, Associate Professor			
Academic	Lecturer	Universitas Nusa 1990		
Career		Cendana		
	Senior Lecturer	Universitas Nusa	2009-present	
		Cendana		
	Dr. in Ecology	Universitas Gadjah Mada	2019	
	MSc. in remote sensing	Universitas Gadjah Mada	1999	
	BSc. in Agronomy	Universitas Nusa	1990	
		Cendana		
Employment	Teaching Staff at Faculty of	f Agriculture, Universitas Nu	ısa Cendana,	
	1990 - present			
Research and	1. Utilization of Biochar and Arbuscular mycorrhiza fungal in increasing			
Development	plant resistance to drought stress, nutrient content, growth and yield			
Projects during	of maize on dry land.			
the last five	2. Increasing Nutrient Uptake and Growth and Yield of Cayenne Pepper			
years	in NTT's Dry Land through the Application of Vermicompost and			
	Mycorrhizal Fertilizers			
	3. Growth and yield respon	se of cucumber (Cucumis sa	tivus L) due to	
	the effect of combination	of water management and t	he use of	
	organic matter in dryland ecosystem			
Important	Swidden Agriculture, food	security and environment in	semiarid area	
publications	of Timor – Indonesia. 2021.	IOP Conf. Series Earth and	Environmental	
during the last 5	Science			
years				



Name	Lily F. Ishaq				
Position	Soil Science, Associate Professor				
Academic	Lecturer	Universitas Nu	isa Cendana	1993	
Career	Senior Lecturer	Universitas Nu	isa Cendana	2010-present	
	Ph.D. in Soil	Murdoch Univ	versity. Australia	2014	
	Biology				
	M.Phil. in Plant	Murdoch Univ	versity, Australia	2001	
	Nutrition				
	BSc. in Agronomy	Universitas Nu	isa Cendana	1990	
Employment	Teaching Staff at Fac 1993 - present	ulty of Agricult	ure, Universitas Nu	isa Cendana,	
Research and	1Exploration of m	ycorrhizal fung	gi in rhizosphere	of plant (corn,	
Development	chromolaena odora	ita, citrus reticu	ulata)		
Projects during	1.Potential of indiger	nous mycorrhiza	l fungi as biofertliz	zer in calcareous	
the last five	soil	-	-		
years	2.Potential of mycorr	hizal fungi and	biochar as soil ame	endments	
	3. Potential of beneficial indigenous soil micro-organisms as				
	biofertilizer				
Important	1. Lily Ishaq, Anthonius S.J. Adu Tae, Moresi A. Airthur, Peters O.				
publications	Bako. 2017. Abundance of Arbuscular Mycorrhiza associated with				
during the last 5	corn planted with traditional and more modern farming systems in				
years	Kupang, East Nusa Tenggara, Indonesia. Biodiversitas 18 (3): 887-				
	892				
	2. Lily Ishaq, Paul A	A. Barber, Giles	E. St. J Hardy, Ber	mard Dell 2018.	
	Diversity of fungi a	ssociated with r	oots of Eucalyptus	gomphocephala	
	seedlings grown in	soil from health	y and declining site	s Australasian	
	Plant Pathology 47	7(2): 155-162			
	3. Lily Ishaq. 201	8. Presence of	arbuscular mycor	rhiza in maize	
	planttation cultivate	ed with tradition	al and improved la	nd management.	
	Asian Journal of A	Agriculture 2(1):		
	4.Lily Ishaq, Peters	O. Bako, Mores	i M. Airthur 2021.	Effect of single	
	and mixed inoculati	on of arbuscular	r mycorrhizal fungi	dan phosphorus	
	22(4); 1920-1926	n on corn growt	n in calcareous soil	. BIODIVERSITAS.	
Activities in	Indonesian	Central Board	2020-present		
specialist bodies	Association of	Member			
over the last 5	Mycorrhiza				
years	-				



Name	Mayavira Veronica Hahuly				
Position	Plant Pests and Diseases, Associate Professor				
Academic Career	Lecturer	Universitas Nusa Cendana 1994			1994
	Senior Lecturer	Uni	versitas Nusa Cendar	na	2018
	Dr. in Phytopathology	Uni	versitas Gadjah Mada	ì	2018
	MCP. in Crop Protection	The	University of Adelai	de,	2000
	-	Sou	th Australia		
	BSc. in Agronomy	Uni	versitas Nusa Cendar	na	1992
Employment	Teaching Staff at Faculty of 1994 - present	f Agri	culture, Universitas N	Nusa	Cendana,
Address	Office: Agrotechnology Der	partm	ent. Faculty of Agric	ultur	e.
	Universitas Nusa Cendana.	Emai	l:		- 7
	mayavira.hahuly@staf.unda	ina.ac	.id		
Research and	1. Characterization of Diple	odia S	Stem Rot Disease on	Soe	Tangerines
Development	in Pubasu Village, Tobu	u Dis	trict and Oelbubuk	Villa	ge, Central
Projects during	Mollo District, South Cer	ntral '	Timor District		_
the last five years					
	2. Exploration of <i>Bacillus</i> spp. from the Rhizosphere of Upland Rice				
	to Obtain Potential Isolates as Plant Growth Promoters and				
	Pathogen Control of Brown Spot of Rice Drechslera oryzae				
	3. Characterization and con	trolli	ng stem rot and cance	er pat	ohens in
	apple and orange plants				
Important	1. Identification of purple blotch pathogen of shallot by PCR using				
publications	specific primer for Alternat	ria ge	nus. Archives of Phy	topat	hology and
during the last 5	Plant Protection. 51:103–121/ 2018				
years	Https://doi.org/10.1080/03235408.2017.1384196				
	2 Agnes V. Simamora, Mayavira V. Hahuly, Julinda BD. Henuk.				
	2021. Endophytic fungi as	poten	tial biocontrol agents	s of	
	Phytophthora palmivora in	the c	cocoa plant. Biodiver	sitas	. 22(5):
	2601-2609/2021				
	3. Mau, Y.S., R.S. Prayetno,	H. K	Laka, K.D. Naat, J.B.	D. He	enuk, M.V.
	Hahuly, Y.R. Gandut. 20)22 . I	Efficacy of indigeno	us T	richoderma
	isolates of West Timor, Ind	lonesi	ia, as biocontrol agen	ts of	brown spot
	(Drechslera oryzae) on two	o upla	and rice varieties. Egy	ptiar	n Journal of
	Biological Pest Control 32	(1), 1	-10		
Activities in	Indonesian Phytopathology		Member	202	1- present
specialist bodies	Association				
over the last 5					
years					



Name	Jesayas A. Londingkene			
Position	Plant Protection, Associate Professor			
Academic Career	Lecturer	Universitas Nusa Cendana 1997		
	Senior Lecturer	Universitas Nusa Cendana	2015	
	Dr	Universitas Nusa Cendana	2016 -	
			present	
	Dr. Toxycology	Gadjah Mada University	2016	
	Insecticides (Resistance			
	BPH to Inseticides)			
	MP. in Plant Pest	Gadjah Mada University	2002	
	Sciences			
	SP. in Plant Pest and	Pattimura University	1994	
	Disease			
Employment	Teaching Staff at Facult	y of Agriculture, Universitas N	usa	
	Cendana, 1997 - present			
Address	Office: Agrotechnology	Department, Faculty of Agricu	lture,	
	Universitas Nusa Cenda	na, Email:		
	jesayas.londingkene@st	af.undana.ac.id		
Research and	1. Development of Local Vegetable Insecticides for Control of			
Development Projects	Helopeltis spp. in Cashew in East Flores Regency, NTT.			
during the last five	2. Control of <i>Helopeltis</i> spp. Development of Local Vegetable			
years	Insecticides for Control of Helopeltis spp. in Cashew in Sika			
	Regency, NTT			
	3. Exploration Study	of Weed Plants on Cashew	and Cocoa	
	Plantation Land in E	ast Flores, East Nusa Tenggara	•	
	4. Damage to Maize C	Crops by Spodoptera frugiperd	a in Malaka	
	Regency, East Nusa	Tenggara		
Important	1. Londingkene, J.A.,	Y. Andi Trisyono, Witjal	ksono, Edhi	
publications during	Martono, 2017. Rel	ative Fitness And Feeding	Capacity Of	
the last 5 years	Imidacloprid Resistan	it Nilaparvata Lugens. Indonesi	an Journal of	
	Plant Protection.20 (1): 43–49.		
	2. Londingkene, J. A., J	. Andi Trisyono, E. Martono, &	Witjaksono,	
	(2016). Resistance to	Imidacloprid and Effect of Three	ee Synergists	
	on the Resistance Lev	vel of Brown Planthopper. Pub	lished by the	
	AIP Publishing. Cita	ation: AIP Conference Procee	edings 1755,	
	140008 (2016); doi: 1	0.1063/1.4958569		
	3. Nenotek, P.S., Londi	ngkene, J.A., Ludji, R., Harini	, T.S., Kapa,	
	M.J., Nguru, E.S.O.,	Roetaida, E., & Konanin, M.	(2022). The	

	toxicity of Annona squamosa	a seeds and Anacardia	ım occidentale		
	seed shells from East Nusa T	seed shells from East Nusa Tenggara, Indonesia, against cabbage			
	caterpillar (Crocidolomia	pavonana). INTI	J J TROP		
	DRYLANDS. Volume 6, Number 1, June 2022 Pages: 39-44. E-				
	ISSN: 2580-2828. DOI: 10.13057/tropdrylands/t060105				
	4. Londingkene, J.A., T. S. Harini, A.E. Nahas, O. Klau, 2023.				
	Existence of Spodoptera frugiperda and damage level of corn				
	plants in Weliman District, Malaka District, East Nusa Tenggara.				
	JPPIPA, Mataram University. 9 (6), Juni 2023.				
Activities in	Indonesian Phytopathology	member	2020 -		
specialist bodies	Association		present		
over the last 5 years					



Name	Roddialek Pollo			
Position	Soil Science, Associate Professor			
Academic Career	Lecturer	Universitas Nusa Cendana	1990	
	Ph.D in Soil Science	Universitas Brawijaya	2019	
	M.Sc. in Soil Science	Institut Pertanian Bogor	2003	
	B.Sc. in Agronomy	Universitas Nusa Cendana	1989	
Employment	Teaching Staff at Facult	y of Agriculture, Universitas	Nusa Cendana	
	1990 - present			
Address	Office: Agrotechnology	Department, Faculty of Agric	culture,	
	Universitas Nusa Cenda	na, Email:		
	roddialek.pollo@staf.un	dana.ac.id		
Research and	1. The Effect of Differe	nces Bed Height and The Lev	el Provision of	
Development Projects	Water on Soil Physic	cs, Growth and Yield of Radis	sh (2012)	
during the last five	2. The Effect of Differences in Varieties and Crop Spacing of			
years	Sorghum (Sorghum bicolor, (L.) Moench) (2015)			
	3. The Effect of Differences in Varieties and Doses of N Sorghum			
	(Sorghum bicolor, (L.) Moench) (2016)			
	4. The Effect of Differences in Crop Spacing and Types of Organic			
	Fertilizers on NAR and RUE of Kawali Superior Varieties of			
	Sorghum (Sorghum bicolor, (L.) Moench) (2022)			
Important	1. Nendissa, D. R., M. Bano, M. I. Eylanor, Y. R. Kana, R. Pollo,			
publications during	M. A. Konda. 2023. Price Dynamics and Red Chili Price			
the last 5 years	Linkages Between M	larkets in Surplus and Deficit.	Areas. Russian	
	Journal of Agricultu	ral and Socio-Economic Scie	ences. 3(135) :	
	51 - 519			
	2. Pollo, R., Sitompul,	S. M., Guritno, B., Tyasmor	o, Y. S. 2018.	
	Crop Growth Parame	eters of Grain Sorghum Varie	eties (Sorghum	
	bicolor, (L.) Moench	h) at Difference Crop Spacin	ng. RJOAS,	
	2(74), February 201	8 DOI https://doi.org/10.185	51/rjoas.2018-	
	02.25			



Name	Yenny Raja Kana				
Position	Agronomy, Associate Professor				
Academic Career	Lecturer Universitas Nusa Cendana 1987 -				
			present		
	M.Sc. inAgronomy	Institut Pertanian Bogor	1993		
	B.Sc. in Agronomy	Universitas Nusa Cendana	1986		
Employment	Teaching Staff at Facult	y of Agriculture, Universitas	Nusa Cendana		
	1987 – present				
Address	Office: Agrotechnology	Department, Faculty of Agric	culture,		
	Universitas Nusa Cenda	na, Email: yenny.kana@staf.u	undana.ac.id		
Research and	1. Response of Corn Growth and Yield and Efficiency of				
Development Projects	Inorganic NPK Fertilization with types of Mycorrhiza in Dry				
during the last five	Land				
years	2The Effect of Dosage of NPK Compound Pearl Fertilizer and				
	Number of Plant per Hollow P on the Growth and Yield of				
	Barley (Setaria italia	ca) Origin P. Sabu			
	3. Effect of Difference	es in Planting Spacing on Ne	et Assimilation		
	Rate and Radiation	Use Efficiency of Sorghum V	Variety Kawali		
	Superior				
Important	1. Nendissa, D. R., M.	Bano, M. I. Eylanor, Y. R. K	Kana, R. Pollo,		
publications during	M. A. Konda. 2023.	Price Dynamics and Red Ch	ili Price		
the last 5 years	Linkages Between N	Markets in Surplus and Defici	it Areas.		
	Russian Journal of A	Agricultural and Socio-Econo	mic Sciences.		
	3(135): 51 - 519				



Iname	Yuliana Tandi Rubak		
Position	Food Science, Assistant Professor		
Academic Career	Lecturer	Universitas Nusa	2000
		Cendana	
	Doctor. in Food Sciences	Institute Pertanian	2020
		Bogor	
	MP. in Food Science and	Gajah Mada	2007
	technology	University	
	BSc. in Food Technology	Universitas "45"	1995
		Makasar	
Employment	Teaching Staff at Faculty of	Agriculture, Universitas	Nusa
	Cendana, 2001 - present		
Address	Office: Agrotechnology Dep	partment, Faculty of Agrie	culture,
	Universitas Nusa Cendana, I	Email: yosepmau@staf.u	ndana.ac.id
Research and	1. Lactic Acid Bacteria		
Development Projects	2. Traditional Food		
during the last			
five years			
Important	Publications		
publications during	1. Production of antihypertensive bioactive peptides in fermented		
the last five years	food by lactic acid bacteria– a review. Carpathian Journal of		
	Food Science and Techno	logy. 11(4): 29-44. 2019.	
	2. Angiotensin-I-converting	enzyme inhibitory peptide	no in millz
		J J I I	28 III IIIIK
	fermented by indigenous la	actic acid bacteria. Veteri	nary World.
	fermented by indigenous la 13(2): 345-353.2020	actic acid bacteria. Veteri	nary World.
	fermented by indigenous la 13(2): 345-353.2020 3. Proteolytic activity of indi	actic acid bacteria. Veteri genous lactic acid bacteri	a and
	 fermented by indigenous la 13(2): 345-353.2020 3. Proteolytic activity of india angiotensin-I-converting e 	actic acid bacteria. <i>Veteri</i> genous lactic acid bacteri nzyme (ACE) inhibitory	a and activity in
	 fermented by indigenous la 13(2): 345-353.2020 3. Proteolytic activity of indiangiotensin-I-converting e fermented soy milk. <i>Pakis</i> 	actic acid bacteria. Veteri genous lactic acid bacteri nzyme (ACE) inhibitory tan Journal of Nutrition.	a and activity in 19(6): 295-
	 fermented by indigenous la 13(2): 345-353.2020 3. Proteolytic activity of indiangiotensin-I-converting e fermented soy milk. <i>Pakist 302. 2020.</i> 	actic acid bacteria. Veteri genous lactic acid bacteri nzyme (ACE) inhibitory tan Journal of Nutrition.	a and activity in 19(6): 295-
	 fermented by indigenous la 13(2): 345-353.2020 3. Proteolytic activity of indiangiotensin-I-converting e fermented soy milk. <i>Pakist 302. 2020.</i> 4. Angiotensin-I-Converting 	actic acid bacteria. Veteri genous lactic acid bacteri nzyme (ACE) inhibitory tan Journal of Nutrition.	a and activity in 19(6): 295- des in Goat
	 fermented by indigenous la 13(2): 345-353.2020 3. Proteolytic activity of indiangiotensin-I-converting e fermented soy milk. <i>Pakist 302. 2020.</i> 4. Angiotensin-I-Converting Milk Fermented by Lactic E and a particular for the particul	actic acid bacteria. Veteri genous lactic acid bacteri nzyme (ACE) inhibitory tan Journal of Nutrition. Enzyme Inhibitory Peptio Acid Bacteria Isolated fr	a and activity in 19(6): 295- des in Goat om Fermented
	 fermented by indigenous la 13(2): 345-353.2020 3. Proteolytic activity of india angiotensin-I-converting e fermented soy milk. Pakist 302. 2020. 4. Angiotensin-I-Converting Milk Fermented by Lactic Food and Breast Milk. For an and the set Milk. For an angiotensin for a 2022 	actic acid bacteria. Veteri genous lactic acid bacteri nzyme (ACE) inhibitory tan Journal of Nutrition. Enzyme Inhibitory Peptio Acid Bacteria Isolated fr od Sci and Anim Resource	a and activity in 19(6): 295- des in Goat om Fermented res. 42(1):46-
	 fermented by indigenous la 13(2): 345-353.2020 3. Proteolytic activity of india angiotensin-I-converting e fermented soy milk. Pakist 302. 2020. 4. Angiotensin-I-Converting Milk Fermented by Lactic Food and Breast Milk. Fo 60. 2022 	actic acid bacteria. Veteri genous lactic acid bacteri nzyme (ACE) inhibitory tan Journal of Nutrition. Enzyme Inhibitory Peptio Acid Bacteria Isolated fr od Sci and Anim Resource	a and activity in 19(6): 295- des in Goat om Fermented tes. 42(1):46-
	 fermented by indigenous la 13(2): 345-353.2020 3. Proteolytic activity of indiangiotensin-I-converting e fermented soy milk. <i>Pakist 302. 2020.</i> 4. Angiotensin-I-Converting Milk Fermented by Lactic Food and Breast Milk. <i>Fo</i> 60. 2022 5. Peptide profiling of goat maginal sectors and the profiling of goat maginal sectors are provided by the profiling of goat maginal sectors are provided by the profiling of goat maginal sectors are provided by the profiling of goat maginal sectors are provided by the profiling of goat maginal sectors are provided by the profiling of goat maginal sectors are provided by the provided by t	actic acid bacteria. Veteri genous lactic acid bacteri nzyme (ACE) inhibitory tan Journal of Nutrition. Enzyme Inhibitory Peptio Acid Bacteria Isolated fr od Sci and Anim Resource	a and activity in 19(6): 295- des in Goat om Fermented tes. 42(1):46-
	 fermented by indigenous la 13(2): 345-353.2020 3. Proteolytic activity of india angiotensin-I-converting e fermented soy milk. Pakist 302. 2020. 4. Angiotensin-I-Converting Milk Fermented by Lactic Food and Breast Milk. Fo 60. 2022 5. Peptide profiling of goat m ssp. delbruekii BD7: Identia 	actic acid bacteria. Veteri genous lactic acid bacteri nzyme (ACE) inhibitory tan Journal of Nutrition. Enzyme Inhibitory Peptio Acid Bacteria Isolated fr od Sci and Anim Resource nilk fermented by Lb. dela fication of potential biolo	a and activity in 19(6): 295- des in Goat om Fermented ees. 42(1):46- brueckii ogical activity.



Name	Shirly Seahan Oematan			
Position	Agronomy, Associate Professor			
Academic Career	Lectur	Lecturer Universitas Nusa Cendana 1987		1987
	Senior	Lecturer	Universitas Nusa Cendana	2005
	MS. in	Plant Sciences	Institut Pertanian Bogor	1993
	BSc. in	n Agronomy	Universitas Nusa Cendana	1986
Employment	Teachi	Teaching Staff at Faculty of Agriculture, Universitas Nusa Cendana,		
	1987 -	present		
Address	Office	: Agrotechnology Depart	tment, Faculty of Agriculture	; ,
	Univer	rsitas Nusa Cendana, Em	ail: oematan.shirly@gmail.c	om
Research and	Evalua	ation of local varieties of	of upland rice and its utiliz	ation for
Development	improv	vement of upland rice	varieties with specific adap	tation to
Projects during the	semi-a	rid region		
last five years				
Patents and	1.	Breun Senaren 1 (uplan	d red rice of East Flores	2019
Proprietary Rights		Regency/Adonara)		
	2.	Breun Senaren 2 (uplan	d red rice of East Flores	2019
		Regency/Adonara)		
	3.	Breun Senaren 3 (uplan	d black rice of East Flores	2019
		Regency/Adonara)		
Important	Select	ed publications		
publications	1.	Mau, Y.S., A.S. Ndiw	a, J.E.R. Markus, S.S. Oer	natan, A.
during the last 5	Nasution, Dody D. Handoko, Kisman Makbul. 2017. Genetic			
years	diversity of red and black upland rice accessions from East			
	Nusa Tenggara, Indonesia as revealed by agro-morphological			
		characters. Biodiversita	as 18(1): 197-211.	
	2.	Mau, Y.S., A.S. Ndiwa	, J.E.R. Markus, S.S. Oema	tan, 2019.
		Drought Tolerance Indi	ces for Selection of Drough	t Tolerant,
		High Yielding Upland F	Rice Genotypes. Australian	Journal of
		Crop Sciences , 10 (3):	170-178.	
	3.	Mau, Y.S., A.S.S Ndiv	va, S.S. Oematan . 2020 . B	rown Spot
		Disease Severity, Yie	ld and Yield Loss Relation	onships in
		Pigmented Upland Rice	e from East Nusa Tenggara,	Indonesia.
		Biodiversitas 21 (4): 26	525-2634.	
	4.	Jenny E.R. Markus, A.S.	S.S. Ndiwa, Shirly S. Oemat	an, Yosep
		S. Mau. 2021. Variation	ns of grain physical propertie	s, amylose
		and anthocyanin of upl	and red rice cultivars from	East Nusa
		Tenggara, Indonesia. Bi	odiversitas 22(3): 1345-135	3.



Name	Yosefina R. Y. Gandut		
Position	Agronomy, Associate	Professor	
Academic Career	Lecturer	Universitas Nusa Cendana	1988
	MSc. in Agronomy	Institut Pertanian Bogor	1993
	BSc. in Agronomy	Universitas Nusa Cendana	1987
Employment	Teaching Staff at Faculty of Agriculture, Universitas Nusa Cendana, 1988 - present		
Address	Office: Agrotechnology Department, Faculty of Agriculture, Universitas Nusa Cendana.		
	Email: yosefinagandı	ıt@staf.undana.ac.id	
Research and	1. Study of Soil Min	imum Tillage on Growth and	d Yield of
Development Projects	Sorghum		
during the last five years	2. Appearance of The Growth and Yield Components of Eggplant Plants With Factors Compost Dose of Cocoa Fruit Peel		
	3. Growth and Yield Response of Cayenne Paper Due to The		
	Effect of Differences Concentration of Liquid Organic		
	Fertilizer Mixture o	f Banana Peel	
	4. Study of Concentration of EM4 Decomposers in POC		
	Production of Moringa Leaves and Doses of Chicken Manure		
	on the Growth of Lettuce Plants		
Important publications	1. Gandut, Yosefina .R.Y., Kasim Muhamad, Dando Gaspar,		
during the last 5 years	2021. The Effect of POC Kale Vegetable Waste on the		
	Growth and Yield of	of Broccoli Plants. Jurnal Agris	sa, Vol. 11
	No.1:41-51		
	2. Roefaida Effy, Ga	ndut Yosefina R.Y., Kasim	Muhamad,
	2022. Amelioration	(Bragging image L)	ertilizer in
	Articel Vo. 7 N	(<i>Brassica Jancea</i> L.). 1 o. 5 Desember 2022	Sillapatria
	3 Man YS RS Pra	vetno H Kaka K D Naat I B	D Henuk
	M.V. Hahulv. Y.R	. Gandut. 2022. Efficacy of	indigenous
	Trichoderma isolate	es of West Timor, Indonesia, as	biocontrol
	agents of brown spo	ot (Drechslera oryzae) on two u	upland rice
	varieties. Egyptian	Journal of Biological Pest C	Control 32
	(1), 1-10	_	



Name	Titik Sri Harini			
Position	Plant Pests and Diseases, Associate Professor			
Academic Career	Lecturer	Universitas Nusa	2005	
		Cendana		
	Senior Lecturer	Universitas Nusa	2010	
		Cendana		
	MSc. in Plant Protection	Universitas Gadjah	1989	
		Mada		
	BSc. in Entomology	Universitas Gadjah	1997	
		Mada		
Employment	Teaching Staff at Faculty	of Agriculture, Universitas	Nusa	
	Cendana, 1990 - present			
Address	Office: Agrotechnology I	Department, Faculty of Agri	iculture,	
	Universitas Nusa Cendana	a, Email: titik.harini@staf.u	undana.ac.id	
Research and	1.Characterization of Chemical-Physical, Organoleptic,			
Development	Microbiological Properties and Economic Analysis of Southwest			
Projects during the	Sumba Local Sweet Potato Flour for Diversification of Functional			
last five years	Foods in East Nusa Tenggara			
	in East Flores			
	III East Flores			
	3. Characterization of Physical-Chemical Properties, Misushiplogical and Organ cleatic Marring of Local Corr in			
	Kupang Daganay with I	ganoleptic Marning of Loca		
	Concentration and Soak	ing Time of Dry Corn Ker	n)2	
	4 Demage of Com Plants	hig Time of Dry Colli Ken	incloses	
	4. Damage of Com Plants	by Spoaopiera Jrugiperaa .	In Malacca	
Important	1 The terrisity of Aug	zgara.	d A	
nuportant publications during	1. The toxicity of Ann	<i>iona squamosa</i> seeds an	a Anacaraium	
the last 5 years	occidentate seed shell	niller (Creatidelering name	gara, indonesia,	
the last 5 years		pinal (Crociaolomia pavol	nana). INTL J	
	2 Training and montanin	- for some board food me	angeing in Cille	
	2. Training and mentorin	Ig for corn-based food pro	cessing in Sillu	
	Pongabdian kanada l	Community Empower Masyarakat	nent. Jurna	
	2 Community Emparter	mant through Willogg Orm	and Dusinasa as	
	5. Community Empower	Cashbasa Eood Products V	ieu dusiness as	
	Dongobdion konsde	Cashuase Food Froducts. I	umary: Jurnal	
	rengabulan kepada l	viasyal'akal.		

Activities in	Indonesian	Member	2020 - present
specialist bodies	Phytopathology		
over the last 5 years	Association		



Name	Yoke Ivonny Benggu			
Position	Soil Science, Associate Professor			
Academic Career	Lecturer	Universitas Nusa Cendana	1990	
	M.Phil. in Soil	The University of Murdoch,	1997	
	Biology	Australia		
	BSc. in Agronomy	Universitas Nusa Cendana	1989	
Employment	Teaching Staff at Faculty of Agriculture, Universitas Nusa Cendana, 1990 - present			
Address	Office: Agrotechnolog	gy Department, Faculty of Agricultu	re,	
	Universitas Nusa Cen	dana.		
	Email: yokebenggu@	estaf.undana.ac.id		
Research and	1.Exploration, effecti	iveness and potential of indigenou	s arbuscular	
Development	mycorrhiza as biolo	ogical fertilizer in the dryland of the	dry climate	
Projects during	of NTT.			
the last five years	2.Improvement of lan	d and plant productivity on some typ	pes of soil	
	with low carrying c	apacity through the application of ac	tive organic	
	powder.			
	3. Utilization of Biochar and Arbuscular mycorrhiza fungal in			
	increasing plant resistance to drought stress, nutrient content,			
	growth and yield of	maize on dry land.		
	4.Role of mycorrhiza	l inoculation and biochar dosage on	nutrient	
	uptake, yield and w	ater use efficiency of maize on dryla	nd Alfisol	
	1.Exploration of indigenous phosphate solubilizing microorganims			
	from various dryland ecosysterms of calcareous soil in Timor NTT.			
	2.Growth and yield response of cucumber (Cucumis sativus L) due to			
	the effect of combin	nation of water management and the	use of	
	organic matter in dr	yland ecosystem.		
	3. Status and potentia	l of Mycorrhiza and Trichoderma as		
	biofertilizers on se	edling of keprok Soe.		
Important	1. Benggu, Y. I ., E.	St. O. Nguru. 2018. The Tolerance I	evel of	
publications	Local Shorgum Ge	enotypes from Sabu-Raijua and Belu	Districts,	
during the last 5	Indonesia to Saline	e Soil. International Journal of Tro	opical	
years	Drylands . 2 (1): 1-	-4		
	2. Soetedjo, I N. P., E	. Nguru. , Y. Benggu , 2019. Use of a	ctive powder	
	of cassava, on v	arious time application, to impro	ve carrying	
	capacity of Vertia	sol and Alfisol on dry land farn	ning system	
	International Jou	rnal of Innovation Creativity and	d Change 5	
	(3): 327-342.	-	_	

3. Ishaq, L. F., D. R Lukiwati., Y. I. Benggu, P. O. Bako, 2021. Study				
of the types of carriers and time of storage on the infectivity and				
Effectiveness of Arbuscular Mycorrhizal Fungal inoculant				
Journal of Agrotektropika 9 (2): 177 - 188				



Name	Elias Stefanus Oskar Nguru		
Position	Agronomy, Associate Professor		
Academic Career	Lecturer Universitas Nusa 199		
		Cendana	
	MSc. in Environment	Universitas Nusa	2005
	Sciences	Cendana	
	BSc. in Agronomy	Universitas Nusa	1989
		Cendana	
Employment	Teaching Staff at Faculty	of Agriculture, Universit	as Nusa
	Cendana, 1990 - present		
Address	Office: Agrotechnology D	epartment, Faculty of Ag	griculture,
	Universitas Nusa Cendana	, Email:	
	elias.nguru@staf.undana.a	c.id	
Research and	1. Growth and yield response of cucumber (<i>Cucumis sativus</i> L)		
Development Projects	due to the effect of combination of water management and		
during the last five years	the use of organic matter in dryland ecosystem		
	2. Status and potential of Mycorrhiza and Trichoderma as		
	biofertilizers on seedling of keprok Soe.		
Important publications	1. Benggu, Y. I., E. St. O. Nguru. 2018. The Tolerance Level		
during the last 5 years	of Local Shorgum Gen	otypes from Sabu-Raijua	and Belu
	Districts, Indonesia to S	Saline Soil. Internationa	al Journal
	of Tropical Drylands.	2 (1): 1-4	
	2. Soetedjo, I N. P., E. Ng	uru. , Y. Benggu , 2019. U	Jse of active
	powder of cassava, on	various time application	, to improve
	carrying capacity of Ve	rtisol and Alfisol on dry l	and farming
	system International	Journal of Innovation	Creativity
	and Change 5 (3): 327	-342.	



Name	Zainal Abidin				
Position	Food Technology, Associate Professor				
Academic Career	Lecturer	Universitas Nusa	1990		
		Cendana			
	Senior Lecturer	Universitas Nusa Cendana	2010-present		
	MSc. in Food	Brawijaya University	2000		
	Technology				
	BSc. in Agronomy	Universitas	1989		
		Nusa Cendana			
Employment	Teaching Staff at Facul	ty of Agriculture, Universitas	s Nusa Cendana,		
	1990 - present				
Address	Office: Agrotechnology	Department, Faculty of Agr	iculture,		
	Universitas Nusa Cenda	ana, Email: zainalabidin@sta	f.undana.ac.id		
Research and	1.	Characterization of chemical	-physical,		
Development	organoleptic, microbio	ological properties and econo	mic analysis of		
Projects during the	Southwest Sumba loc	al sweet potato flour for dive	rsification of		
last five years	local functional food i	in East Nusa Tenggara			
	2.Characterization of chemical-physical properties, organoleptic,				
	microbiological and economic analysis of various local functional				
	food products based on local sweet potato flour Southwest Sumba				
	East Nusa Tenggara				
	3. Effect of Packaging	Гуре and Storage Time on Ai	ntioxidant		
	Activity, Chemical-Pl	hysical, Organoleptic, Microl	piological		
	Properties and Econor	mic Analysis of Various Loca	al Functional		
	Food Products Based on Sweet Potato Flour Southwest Sumba,				
	East Nusa Tenggara				
	4. Characterization of microbiological and organoleptic physical				
	chemical properties of	of local marning corn in Kup	ang district with		
	the interaction of Ca	(OH)2 concentration factor a	and soaking time		
	of dry shelled corn k	ernels			
	5. Study of making c	offee leaf tea from Mangg	arai, East Nusa		
	Tenggara				
Patents and	1.Development of Func	tional Flour Based on	2021		
Proprietary Rights	Local Purple Sweet P	otatoes in Southwest			
	Sumba as a Partial Su	bstitute for Wheat Flour for			
	Functional Food Dive	ersification in NTT (process			
	is in progress)				
	2. Development of	Functional Biscuits Based	2021		
	on Local Purple Swee	t Potato Flour in Southwest			

	Sumba for Functional	Food Diversification in			
	East Nusa Tenggara (p	rocess is in progress)			
Important	Selected publications from a total of publications				
publications during	1. Abidin Z, Harini TS, Jadi H, Jutomo L. 2022. Training and				
the last 5 years	mentoring for corn-based food processing in Sillu Village,				
	Kupang. Community	Empowerment, 7 (4): 752	-762.		
	2. Abidin Z, Harini TS, Jati H, Jutomo L. 2022. (Community				
	Empowerment through Village Owned Business as a Center for				
	Corn and Cashbase Food Products. Yumary: Jurnal Pengabdian				
	kepada Masyarakat, 2(4), 189-202.				
	3. Herianus J. D. Lalel H	IJD, Mahayasa INW, Mul	kun L, Abidin Z,		
	Ata ARB. 2022. Phys	icochemical and organole	ptic properties of		
	gebang (Corvpha utan) starch-based analogous	rice with dolichos		
	bean (Lablab purpure	eus) flour supplementation	n. NTL J TROP		
	DRYLAND, 6(2): 45-49				
	4. Usfinit AMM, Lalel HJD, Abidin Z, Rubak YT, Ndapamuri				
	MZH, 2023. The Effect of Chicken Meat and Migratory Locust				
	Flour Proportion on P	Flour Proportion on Physicochemical and Organoleptic Properties			
	of Nugget. JPA 11(2)	: 79-88.			
	5. Abidin Z, Harini T	S, Jati H, Jutomo L. 20	23. Training and		
	assistance processing of corn and peanut based food products.				
	COMMUNITY EMPOWERMENT, 8 (1): 36-44				
	6 May YS, Ndiwa ASS, Bunga W, Abidin Z, Harini TS, Oematan				
	SS, Roefaida E, Taloi	m A, Gadji A, Risnawati N	A, Nana RA 2023.		
	Inheritance of seed	coat color and heritabil	ity of agronomic		
	characters of F2 pop	ulation of reciprocal cros	ses between Fore		
	Belu and Local Sabu r	nungbean varieties. BIOD	IVERSITAS, 24		
	(5): 2647-265.	C	,		
Activities in	Patpi-Indonesian	Member	2022 - present		
specialist bodies	Association of Food		1		
over the last 5 years	Technologist				
	Perhimpi at community	Secretary	2020 - present		
	service	-	*		



Name	Antonius S. S. Ndiwa			
Position	Agronomy and Plant Breeding, Associate Professor			
Academic Career	Lecturer	Universitas Nusa	1993	
		Cendana		
	Senior Lecturer	Universitas Nusa	2010 - present	
		Cendana	_	
	MSc. in Plant	Universitas Padjadjaran	2000	
	Sciences			
	BSc. in Agronomy	Universitas Nusa	1992	
		Cendana		
Employment	Teaching Staff at Facul	ty of Agriculture, Universitas	s Nusa	
	Cendana, 1993 - presen	t		
Address	Office: Agrotechnology	Department, Faculty of Agr	iculture,	
	Universitas Nusa Cenda	ana, Email:		
	antoniusndiwa@staf.un	dana.ac.id		
Research and	1. Sweet potato crop	improvement utilizing loc	cal germplasms	
Development	and national/introduc	ction varieties		
Projects during the	2. Evaluation of local varieties of upland rice and its utilization for			
last five years	improvement of upland rice varieties with specific adaptation to			
	semi-arid region			
	3.Improvement of local mungbean varieties through hybridization			
	4. Increasing the yield of Vima 1 green beans and Sabu local			
	shallots through fertil	ization technology		
Patents and	1. Breun Senaren 1 (upland red rice of East2019			
Proprietary Rights	Flores Regency/Adonara)			
	2. Breun Senaren 2 (u	pland red rice of East	2019	
	Flores Regency/Ad	onara)		
	3. Breun Senaren 3 (u	pland black rice of East	2019	
	Flores Regency/Ad	onara)		
Important	1.Mau, Y.S., A.S.S	Ndiwa, J.E.R. Markus, S.S.	S. Oematan, A.	
publications during	Nasution, Dody D.	Handoko, Kisman Makbul.	2017. Genetic	
the last 5 years	diversity of red and b	black upland rice accessions	from East Nusa	
	Tenggara, Indonesia a	as revealed by agro-morpholo	gical characters.	
	Biodiversitas 18(1):	197-211.		
	2.Mau, Y.S., A.S.S. Nd	iwa, 2018. Field Evaluation c	of Late Leaf Spot	
	and Leaf Rust Resis	stance and the Associated	Yield Losses in	
	Indonesian Groundnut Genotypes. Asian Journal of Plant			
	Sciences 17(3): 134-1	141.		

	3.Mau, Y.S., A.S.S., N	diwa, J.E.R. Markus, S.S.	Oematan, 2019.		
	Drought Tolerance Indices for Selection of Drought Tolerant, High				
	Yielding Upland Rice Genotypes. Australian Journal of Crop				
	Sciences, 10 (3): 170-178.				
	4. A.S.S. Ndiwa , Mau, Y.S. 2019. Yield and yield component performances of local pigmented upland rice cultivars from East				
	Nusa Tenggara, Indonesia in three locations. Tropical Drylands 3				
	(2): 49-52				
	5. Mau, Y.S., A.S.S Ndiwa, S.S. Oematan. 2020. Brown Spot Disease				
	Severity, Yield and Yield Loss Relationships in Pigmented Upland				
	Rice from East Nusa Tenggara, Indonesia. Biodiversitas 21 (4):				
	2625-2634.				
	6.Jenny E.R. Markus, A.S.S. Ndiwa, Shirly S. Oematan, Yosep S.				
	Mau. 2021. Variations of grain physical properties, amylose and				
	anthocyanin of upland red rice cultivars from East Nusa Tenggara,				
	Indonesia. Biodiversi	itas 22(3): 1345-1353.			
Activities in	Indonesian Agronomy	Sub-coordinator	2020 - present		
specialist bodies	Association, East	of Development of			
over the last 5 years	Nusa Tenggara	Science and Technology			
	Regional				
	Commissariat				



Name	Sri Widinugraheni			
Position	Plant Protection, Lecturer			
Academic	Lecturer	Universitas Nusa	1998	
Career		Cendana		
	Ph.D. in Molecular Plant	University of		
	Pathology	Amsterdam		
	MSc. in Phytopathology	Universitas	2011	
	BSc. in Agronomy	Universitas Nusa	1996	
		Cendana		
Employment	Teaching Staff at Faculty of Agricu	lture, Universitas Nusa Ce	ndana,	
	1998 - present			
Address	Office: Agrotechnology Departmen	t, Faculty of Agriculture,		
	Universitas Nusa Cendana,			
	Email: widinugraheni@staf.undana	.ac.id		
Research and	1.Smart-phone Based on Banana D	Disease Detection App		
Development	2. Impact of Banana Blood Dise	ease outbreak to Househ	old Food	
Projects during	Security in Sumba Island			
the last five	3. The expression of <i>SIX1b</i> and <i>SIX1c</i> effector genes and banana			
years	resistance genes during Foc TR4 infection on banana cultivars			
Important	1. Widinugraheni S, Niño-Sánchez J, van der Does HC, van Dam P,			
publications during	García-Bastidas FA, et al. (2018) A SIX1 homolog in Fusarium			
the last 5 years	oxysporum f.sp. cubense tropical race 4 contributes to virulence			
-	towards Cavendish banana. PLOS ONE 13(10): e0205896.			
	https://doi.org/10.1371/journal.j	pone.0205896		
	2. Ulil Albab, A, R; S. Widinugrah	eni, S. Subandiyah, Masan	to, A.	
	Wibowo (2022). Expression of	SIX1b and SIX1c Effector	genes	
	and banana resistance genes dur	ring Foc TR4 infection on	banana	
	cultivars. Biodiversitas, 23 (10)): 5314-5322		
	3. Mau, Y.S., Prayetno R.S., Kaka	H., K.D Naat, Julinda B. H	Ienuk,	
	M.V. Hahuly., S. Widinugrahe	eni and Y.R.Y Gandut. 202	22.	
	Efficacy of indigenous Trichode	erma isolates of West Time	or,	
	Indonesia as biocontrol agents of	of brown spot (Drechslera o	oryzae)	
	on two upland rice varieties. Eg	yptian J Biopest Control 3	2, 62	
	https://doi.org/10.1186/s41938-	<u>022-00559-x</u>		
	4. I W. Nampa, I W. Mudita, S.W	idinugraheni, R.L. Natoni	s., and	
	M.T. Surayasa. Impacts of the b	anana blood disease outbro	eak to the	
	farmer's household food securit	y in Sumba island, East Nu	isa	
	Tenggara Province, Indonesia.	2nd International Conferen	ce on	
	Environmental Ecology of Food	d Security. IOP Conf. Serie	es: Earth	

and Environmental Science 1107 (2022) 012	000 IOD D-11:-1:		
doi:10.1088/1755-1315/1107/1/012089	U89 IOP Publishing		
5 Muis A Ryley M L Tan Y P et al. (2023) Peronosclerospora		
<i>neglecta</i> sp. nov.—a widespread and overloo	ked threat to corn		
(maize) production in the tropics. Mycol Pro	gress 22, 12 (2023).		
https://doi.org/10.1007/s11557-022-01862-5	6		
6. Pratama Y, A.Wibowo, A. Widiastuti, S. Sub	andiyah, S.		
Widinugraheni, and M. Rep (2018). Evalua	ation of Some Primer		
Specific Set Development for Detection Fusion	arium oxysporum f.sp		
<i>cubense</i> Tropical Race 4 (TR4) Originating f	rom Indonesia.		
Jurnal Perlindungan Tanaman Indonesia, 22(2): 82-90		
7. Nampa, I W., Mudita, I W., RiwuKaho, N.P.L.	B.,Widinugraheni, S		
., and Natonis, R.L. 2020. The Kobo Collect for Research Data			
Collection and Management (An-Experience in Researching the			
Socio-Economic Impact of Blood Disease in Banana. SOCA:			
Jurnal Sosial Ekonomi Pertanian, 14(3): 545-556			
8. R.F. Rahayuniati and S. Widinugraheni. 202	20. Detection of		
Banana Bunchy Top Virus (BBTV) in Sumba Island, East Nusa			
Tenggara. Plant Biosecurity and Biodiversity in Dryland Areas in a			
Time of Climate Change. Lovett, J;et al. (Eds)			
http://www.apbsf.org.au/wp-content/uploads/2019/05/Project-			
Report-PBSF006.pdf https://www.apbsf.org.au/regional-master-			
classes-in-plant-biosecurity-indonesiapbsf00	6/		
Indonesian Phytopathological Society	Member		
Indonesian Phytopathological Society	Head of Commisariat		
	Prov NTT		
American Phytopathological Society	Member		
MABBI (Indonesian Society on Bioinformatics	Member		
and Biodiversity)			
	 and Environmental Science 1107 (2022) 012 doi:10.1088/1755-1315/1107/1/012089 5. Muis, A., Ryley, M.J., Tan, Y.P. et al. (2023 <i>neglecta</i> sp. nov.—a widespread and overloo (maize) production in the tropics. Mycol Pro. https://doi.org/10.1007/s11557-022-01862-5 6. Pratama Y, A.Wibowo, A. Widiastuti,S. Sub Widinugraheni, and M. Rep (2018). Evalua Specific Set Development for Detection <i>Fusa</i> <i>cubense</i> Tropical Race 4 (TR4) Originating f Jurnal Perlindungan Tanaman Indonesia, 22(7. Nampa,I W.,Mudita,I W., RiwuKaho, N.P.L. ., and Natonis, R.L. 2020. The Kobo Collect Collection and Management (An-Experience Socio-Economic Impact of Blood Disease in Jurnal Sosial Ekonomi Pertanian, 14(3): 545- 8. R.F. Rahayuniati and S. Widinugraheni. 200 Banana Bunchy Top Virus (BBTV) in Sumb Tenggara. Plant Biosecurity and Biodiversity Time of Climate Change. Lovett,J;et al.(Eds) http://www.apbsf.org.au/wp-content/uploads Report-PBSF006.pdf https://www.apbsf.org. classes-in-plant-biosecurity-indonesiapbsf000 Indonesian Phytopathological Society MABBI (Indonesian Society on Bioinformatics and Biodiversity) 		



Name	Diana Yudi Lestari Serangmo				
Position	Soil Science, Assistant Professor				
Academic Career	Lecturer	Unive	rsitas Nusa Cendana	ı	2009
	MSc. in	Unive	rsitas Gadjah Mada		2007
	SoilScience		-		
	BSc. in Soil	Unive	rsitas Nusa Cendana	ı	1999
	Science				
Employment	Teaching Staff at Faculty of Agriculture, Universitas Nusa Cendana, 2000- present				
Address	Office: Agrotechnol	ogy De	partment, Faculty of	Agric	ulture,
	Universitas Nusa Ce	ndana,	Email: serangmo@g	gmail.c	om
Research and	1. Increasing Nitro	gen Nut	rient Uptake and Co	orn Yie	ld in the Dry
Development	Land of Timor Is	sland Th	rough Zeolite Appl	ication	as Soil
Projects during the	Improvement Ma	aterial			
last five years	2. Effect of Vermic	ompost	Fertilizer Dosage a	nd Wat	ter Supply
	Volume on Nutr	ient Ava	ailability, Growth, a	nd Yie	ld of Lettuce
	Plants in Alfisols				
	3. Increasing Nutrient Uptake and Growth and Yield of Cayenne				
	Pepper in NTT's Dry Land through the Application of				
	Vermicompost and Mycorrhizal Fertilizers4. Improving the Quality of Alfisols and Soybean Production in the				
	Dry Land of Timor Island through the Application of Biochar				
	and Tofu Industry Effluent				
Important	Selected publications from a total of 18 publications				
publications during	1. Patricia Kellen, Diana YI Serangmo, M.S.M Nur Lsnd				
the last 5 years	Suitability Evaluation For Corn in Wulanggitang Direct, East				
	Flores Regency,	Agrısa	ISSN 2301-5355 Vo	ol, 8 No	5. 2 edisis
	Desember 2019			a	T.
	2. Nitron Teubana,	Moresy	Arthur, Diana Y.L.	.Serang	gmo, The
	Effect of Cow A	mnure A	Application on The	Aviabi	litty On
	Phosphporus and	1 Potass	ium Nutyrients and	The Yi	ield Of
	Cucumber Plants	s Agrisa	155N 2301-5355 V	01, 9 N	$0. \ 2 \ \mathbf{ed1S1S}$
	2 Desember 2019	10magar	Ainthun Diana VI	Comoro	ma Mar
	5. Peters O Dako, F	NOTESY Kortion	Alfulur, Dialia $1L_{0}$	Serang	mposition of
	The Planting Me	dium in	The Form of a Mix	tura of	Vorticol cond
	and Husk charco	al on th	A Drugical Propertie	$\int dt = 0$	he Soil
	Growth and Viel	d of Ra	dishes	S OI I	ne son,
Activities in	Indonesian Agricult	u or ixa iral	Member	2021-	nresent
specialist hodies	Meteorological	<i>a</i> 1 u 1		2021-	prosent
over the last 5 years	Association (PERHI	MPI)			



Name	Peters Oktovians Bako			
Position	Agricultural Science, Assistant Professor			
Academic Career	Senior	Universitas Nusa Cendana	2015	
	Lecturer			
	MSc. in	Universitas Gadjah Mada	2007	
	Environmental			
	Science			
	BSc. Pest and	Universitas Nusa Cendana	1996	
	Plant Diseases			
	Science			
Employment	Teaching Staff	at Faculty of Agriculture, Universitas	Nusa Cendana,	
	2005 - present			
Address	Office: Agrotec	hnology Department, Faculty of Agric	ulture,	
	Universitas Nus	a Cendana,		
	Email: peters.ba	ko@staf.undana.ac.id		
Research and	1. Increasing N	itrogen Nutrient Uptake and Corn Yi	eld in the Dry	
Development	Land of Ti	mor Island Through Zeolite Applic	cation as Soil	
Projects during	Improvement	Material		
the last five years	2. The Role of Mycorrhizal Inoculation and Biochar Dosage on			
	Nutrient Uptake, Yield, and Efficiency of Corn Water Utilization			
	in Dryland Alfisols			
	3. Effect of Vermicompost Fertilizer Dosage and Water Supply			
	Volume on Nutrient Availability, Growth, and Yield of Lettuce			
	Plants in Alfisols			
	4. Increasing Nutrient Uptake and Growth and Yield of Cayenne			
	Pepper in	NTT's Dry Land through the A	Application of	
	Vermicompo	st and Mycorrhizal Fertilizers		
	5. Status and Po	tential of Mycorrhiza and Trichoderm	a as Biological	
	Fertilizers for	Soe Jeruk Keprok		
	6. Improving th	e Quality of Alfisols and Soybean Pro-	oduction in the	
	Dry Land of	Timor Island through the Application	of Biochar and	
	Tofu Industry	Effluent		
Important	1. Lily Ishaq, A	Anthonius S.J. Adu Tae, Moresi A. A	irthur, Peters O.	
publications	Bako. 2017.	Abundance of Arbuscular Mycorrhiz	a associated with	
during the last five	corn planted	with traditional and more modern fai	rming systems in	
years	Kupang, East	t Nusa Tenggara, Indonesia. Biodivera	sitas 18 (3): 887-	
	892			
	2. Lily Ishaq, P	eters O. Bako, Moresi M. Airthur 2021	. Effect of single	
	and mixed	inoculation of arbuscular mycorrh	izal fungi dan	

	phosphorus fertilizer application on corn growth in calcareous soil.			
	Biodiversitas . 22(4); 1920-1926			
	3. Lily F. Ishaq, Agnes V. Simamora, Peters O. Bako, Yoke I.			
	Benggu, Moresi M. Airtur, Effy Roefaida and Elias St. O. Nguru.			
	Abundance of arbuscular mycorrhizal fungi in the rhizosphere of			
	healthy and declining citrus in East Nusa Tenggara, Indonesia. Asian			
	Journal of Agriculture and Biology, ISSN: 2307-8553			
	4Lily F. Ishaq, D.R. Lukiwati, Yoke I. Benggu, Peters O. Bako,			
	2021. "Study of Types of Carrier Materials and Shelf Life on			
	Infectivity and Effectiveness of Arbuscular Mycorrhizal Fungi			
	Inoculations. Agrotektropika, 9(2):			
	5. Yosni Kiuk, Peters O. Bako, Lily F. Ishaq, 2022. Application of			
	Indigenous Arbuscular Mycorrhizal Fungi and Inorganic			
	Phosphorus Fertilizers in Effors to Increase Phosphorus Uptake and			
	Yields of Corn in Calcareous Land of Timor Island. Agrikultura, 33			
	(1).			
Activities in	Indonesian Agricultural Member 2021-present			
specialist bodies	Meteorological			
over	Association (PERHIMPI)			
the last 5				
years				



Name	Petronella S. Nenotek			
Position	Plant Pests and Diseases, Assistant Professor			
Academic Career	Lecturer	Universitas Nusa Cendana 2005-presen		
	M.Si in	Institut Pertanian Bogor	2010	
	Entomology			
	BSc. Pest and	Universitas Nusa Cendana	2000	
	Plant Diseases			
	Science			
Employment	Teaching Staff at 2005 - present	Faculty of Agriculture, Universitas	Nusa Cendana,	
Address	Office: Agrotechn	ology Department, Faculty of Agric	ulture,	
	Universitas Nusa	Cendana, Email:		
	petronella.nenotek	x@staf.undana.ac.id		
Research and	1.Development of	Essential Oils from Dryland Aroma	tic Plants from	
Development	Timor as Organi	c Pesticides to Attract Fruit Fly (201	9-2021)	
Projects during the	2.Characterization	of Important Pests and Diseases o	n Local Potato	
last five years	Plants from So	e in Kie District, South Central T	imor Regency	
	(2021)			
	3. Identification of Pests and Diseases on Coconut Plants in Rote Ndao			
	Regency (2022)			
Important	1.Nenotek PS, Ludji R. 2020. The efficacy of seed extract of Tephrosi			
publications	vogelii and Annona squmosa on larvae of Helicoverpa			
during the last five	armigera Trop Drylands 4: 5-9.			
years	https://doi.org/10.13057/tropdrylands/t040102			
	2.Olla R.B., Niis MR., Sugi Y., Wogo HE., Nenotek PS., Nahas AE.			
	Essential Oil of	Cymbopogon nardus from Timor I	sland: Excellent	
	Source of Geran	iol. 2021. AIP Conference Proceed	ings. 2370: 1	
	3.Olla RB., Bhek	tu YC., Nahas AE., Nenotek PS.,	Da Cunha T.,	
	Darmakusuma I	D., Belli HLL., Lallel HJD. 2021. C	chemical Profile	
	And Biological	Activity Of Essential Oils From P	sidium Guajava	
	Grown In Timor	Island-Eastern Indonesia. Rasayan	J. Cnem . 14(2):	
	1312-1315.	ndinghang IA Ludii D Harini TC L	Zana MI Naum	
	4. Nenotek PS, LO	Maingkene JA, Ludji K, Harini 18, K	apa MJ, Nguru	
	ESO, Roelaida I	end Angegandium essidentale sood sh	Annona	
	Nusa Tanggara	Indonesia, against cabhaga catarpille	ieli itoili East	
	(Crocidolomia r	avonana) Intl I Tron Drylands 6:	11 30_///	
	5 Petropella S N	enotek Agnes V Simemore Mayer	vira V	
	Hahuly Elias C) St Nouru 2022 Identification of I	Pests on Local	
	Potato Plants from Soe in South Central Timor. East Nusa Tenggara			

Province. JPPIPA Vol 8.
DOI: 10.29303/jppipa.v8iSpecialIssue.2485



Name	Rika Ludji		
Position	Plant Protection, Assistant Professor		
Academic Career	Lecturer Universitas Nusa 2005-Present		
		Cendana	
	M.Si. in Entomology Institut Pertanian Bogor 2011		2011
	BSc. in Pest and Plant	Universitas Nusa	2002
	Diseases Science	Cendana	
Employment	Teaching Staff at Facult	y of Agriculture, Universita	is Nusa
	Cendana, 2005 - present		
Address	Office: Agrotechnology	Department, Faculty of Ag	riculture,
	Universitas Nusa Cenda	na, Email: ika_unc@yahoo	.com
Research and	1. Surveillance of Insect Pests on Rice Plants in South Amanuban		
Development Projects	District, TTS Regency		
during the last five	2. Identification of Armyworm Species and Natural Enemies in		
years	Corn Planting Land in East Flores Regency, East Nusa		
	Tenggara		
	3. Characterization of Pests and Diseases of Avocado Plants in		
	South Central Timor	District (as chairman)	
Important publications	1. The efficacy of seed e	extract of Tephrosia vogelii	and Annona
during the last 5 years	squmosa on larvae of	Helicoverpa armigera. 2020). Volume 4,
	Number 1, June 2020	. ISSN 2580-2828. / Trop.D	rylands 4(1),
	Doi: 10.13057 /t0401	.02	
	2. Reproductive Ability	and Life History of the Wh	itefly Bemisia
	tabaci (Gennadius) w	vith and without Copulation	on Red Chili
	and Tomato Plants. 2020. 17(3), DOI: 10.5994/jei.17.3.156		
Activities in specialist	Indonesian	Member	2021-
bodies over the last	Phytopathology		present
five years	Association		



Name	Julinda Bendalina Dengga Henuk				
Position	Plant Pathology, Assistant Professor				
Academic Career	Lecturer	Universitas Nusa Cendana	2013 - present		
	MSc.	Bogor Agricultural	2010		
	in Phtyopathology	University			
	BSc. in Pest and Plant	Universitas Nusa Cendana	2002		
	Diseases Science				
Employment	Teaching Staff at Faculty of Agriculture, Universitas Nusa				
	Cendana, 2005 - present	t			
Address	Office: Agrotechnology	Department, Faculty of Agr	iculture,		
	Universitas Nusa Cenda	na, Email: yosepmau@staf.u	undana.ac.id		
Research and Development Projects	1. Sweet potato crop i and national/introduc	improvement utilizing loca	l germplasms		
during the last five	2. Evaluation of local va	rieties of upland rice and its	utilization for		
years	improvement of uplar	nd rice varieties with specific	c adaptation to		
	semi-arid region				
	3. Evaluation of local isolates of biological control agents				
	(Trichoderma spp. etc) for controlling brown spot disease of				
	rice				
	4. Improvement of local mungbean varieties through hybridization				
Important	1. Retnosari, E., J.B.D.	Henuk, M.S. Sinaga. 2014.	Identifikasi		
publications during	Penyebab Penyakit Busuk Pangkal Batang pada Jeruk. Jurnal				
the last 10 years	Fitopatologi Indones	sia. Vol 10(3): 93-97.			
	2. Henuk, J.B.D., M.S.	Sinaga, S.H. Hidayat. 2017.			
	Morphological and m	olecular identification of fur	igal pathogens		
	Causing gummosis dis	sease of <i>Citrus</i> spp. in Indon	esia.		
	Biodiversitas 18(3):	1100-1108. K I: N.S. M. 2020 I	· • • 1		
	3. Henuk, J.B.D., D.H.	Kadja, Y.S. Mau. 2020. Invo	entory And		
	Rectorial And Fungal	Pathogons In Wost Timor I	Laused Dy		
	Tenggara Province Ir	donesia Tronical Dryland	s Vol $A(1)$		
	10-16 $100000000000000000000000000000000000$				
	4. Ola. A.R.B., T. Lapa	ilaka, H.E. Wogo, J.B.D. H	enuk. A. V.		
	Simamora, L. Mukku	n, P. Proksch, C.D. Pham. 2	021. Bioactive		
	Secondary Metabolites from the Mangrove Endophytic				
	Fungi Nigrospora oryzae. Indonesian Journal of Chemistry.				
	Vol 21(4): 1016-1022.				

	5. Simamora A. V., M.V. Hahuly, J.B.D. Henuk 2021.			
	Endophytic fungi as potentila biocontrol agents of Phytophthora			
	palmivora in the cocoa plant. Biodiversitas 22(5): 2601-2609			
	6. Mau, Y.S., R.S. Prayetno, H. Kaka, K.D. Naat, J.B.D. Henuk,			
	M.V. Hahuly, Y.R. Gandut. 2022. Efficacy of indigenous			
	Trichoderma isolates of West Timor, Indonesia, as biocontrol			
	agents of brown spot (Drechslera oryzae) on two upland rice			
	varieties. Egyptian Journal of Biological Pest Control 32 (1),			
	1-10			
Activities in specialist	Indonesian	Member	2020 -	
bodies over the last 5	Phytopathological		present	
years	Society			
	Indonesian	Secretary	2022 -	
	Phytopathological		present	
	Society, East Nusa			
	Tenggara Regional			
	Commissariat			



Name	Don H. Kadja		
Position	Plant Protection, Assistant Professor		
Academic Career	M.Sc. in Entomology	Universitas Gajah mada	2011
	BSc. in Pest and Plant	Universitas Nusa Cendana	2005
	Diseases Science		
	Lecturer	Universitas Nusa Cendana	2005
Employment	Teaching Staff at Facult	y of Agriculture, Universitas N	Nusa
	Cendana, 2005 – presen	t	
Address	Office: Agrotechnology	Department, Faculty of Agric	ulture,
	Universitas Nusa Cenda	na, Email: <u>donkadja@staf.und</u>	lana.ac.id
Research and	1. Surveilance of Pest of	n Rice in South Amanuban Di	strict, South
Development Projects	Central Timor.		
during the last five	2. Effect of Fertilizer and Mulch on The Level of Pest Infestation		
years	on Chili		
	3. Identification and Inv	entaritation of Fruit Flies and	Their
	Distribution In Island of Timor.		
Important	1. Johannes UR. Brow	vn, Don H.Kadja , Maria Y	ovita Seuk,
publications during	Parasitization Levels of Acerophagus Papayae noyes & Schauff		
the last 5 years	(Hymenopter ; Encyrrtidae) to Paracoccus marginatum On		
	Cassava Plants in C	bebelo Village, Central Kupa	ing District,
	Kupang Regency,20	18, Proceedings of the Fift	th National
	Seminar on Agric	ulture: Sustainable Mana	igement of
	Dryland Agriculture	to Support Food Sovereign	uy u u u
	2. Adriana Lince Dimu	, Petronella S. Nenotek, Don	H. Kadja,
	2019, Exploration of Planthopper and Leafhopper on Rice in the		
	City of Kupang and It	s Surroundings, Agrisa 8 (3):	439 - 445
	3. Don H. Kadja , 2019,	Remote Microscopy In The Fi	leid Of Plant
	Protection And Man	agement Of Biodiversity In	East Nusa
	Tenggara. Proceedin	g of Plant Biosecurity and J	Biodiversity
	in Dryland Areas in a Time of Climate Change		



Name	Yasinta L. Kleden		
Position	Plant Protection, Assistant Professor		
Academic Career	Lecturer	Universitas Nusa	2005-Present
		Cendana	
	M.Si. in Entomology	Gajah Mada University	2011
	BSc. in Pest and Plant	Universitas Nusa	2002
	Diseases Science	Cendana	
Employment	Teaching Staff at Facul	ty of Agriculture, Universit	tas Nusa
	Cendana, 2005 - present		
Address	Office: Agrotechnology	Department, Faculty of A	griculture,
	Universitas Nusa Cenda	ana, Email:	
	yasintakleden@staf.unc	lana.ac.id	
Research and	1.Characterization of Ph	ysicochemical Properties o	of Various Types
Development Projects	of Local Sorghum an	nd Development of Sorgh	um-Based Food
during the last five	Products		
years	2 Selection and develop	ment of accession of lical so	orghum as a food
	substitute fro rice in th	e context of increasing food	l security in East
	Nusa Tenggara		
	3. Resistance test of sev	eral types of sorghum agai	nst <i>Sitophilus</i>
	sp. in storage		
	4.Identification of armyworm species and natural enemies in corn		
	plantation in Florest District, East Nusa Tenggara		
	5.Morphological characteristics of <i>Sitophilus</i> spp. imago in		
	several agricultural commodities in Timor island		
	6.Isolation of chitin and chitosan from Locusts		
Important			
publications during	1.Lince Mukkun, Heria	nus Justhianus Lalel, Yasin	taLetek Kleden
the last 5 years	The Physical and Che	mical Characteristics of Sev	veral Accessions
	of Sorghum Cultivat	ed on Drylands in Esat	Nusa Tenggara,
	Indonesia. 2021. Biod	liversitas, 22 (5).	
	2. Lince Mukkun, H.J.	.D. Lalel, N.Richana, M.E	B.Pabendon, and
	Yasinta L. Kleden	1st International Conferen	ce On Tropical
	Studies and Its Applic	cation (ICTROPS). IOP Co	nf. Series: Earth
	Enviromental Science	e 144 (2018)012065, "1	he Diversity of
	Local Sorghum (Sorg	hum bicolor L.Moench) in	Nusa Tenggara
	Tiumr Province"		
	5. Lince Mukkun, Y	asinta Letek Kleden,	Agnes Virginia
	Jinamora. Detection	1 01 Spouptera Irugipe	tua (J.E.Smith)
	(Lepidopiera : Noctul	uae) in Maize Field in East	al Durlanda
	East Nusa Tenggara Province, Indonesia. Tropical Drylands		

Activities in specialist	Indonesian	Member	2021- present
bodies over the last	Phytopathology		
five years	Association		



Name	Yohanes Umbu Rebu Iburuni		
Position	Plant Protection, Assistant Professor		
Academic Career	Lecturer	Universitas Nusa	2006
		Cendana	
	Senior Lecturer	Universitas Nusa	2011
		Cendana	
	MS. Entomology	Institut Pertanian Bogor	2011
	BSc. in Pest and	Universitas Nusa	2004
	Deisease Science	Cendana	
Employment	Teaching Staff at Faculty	of Agriculture, Universitas	s Nusa
	Cendana, 2006 - present		
Address	Office: Agrotechnology I	Department, Faculty of Agr	iculture,
	Universitas Nusa Cendan	a, Email: oematan.shirly@	gmail.com
Research and	1. IPM on Mandarin Kep	orok Soe With Diaphorina	citri Vektor
Development Projects	HLB Control		
during the last five	2. Pest Survei of Mealybug Phenacoccus manihoti on Cassava		
years	with spesific semi-arid	region West Timor	
	3. Improvement of biolo	gical control with parasitor	d agents for
	controlling mealybug on Cassava Plants in West Timor		
	4. Eksploration of Potent	ial Natural Enemies of Dia	iphorina citri
T	on Mandarin Keprok So	De	
Important	Selected publications	D 2017 I	D: :/ 1
publications during	1.1buruni, Y.U.R., Nikso	on Rammang. 2017. Insect	Diversity and
the last five years	Huanglongbing Diseas	Incidence on Mandarin K	eprok Soe in
	West Timor. 5 th PGPR International Conference Proceeding. (
	2. Iburuni, J.U.R. Aunu	Rauf. 2018. Exotic Pest Su	rvev of
	Phenacoccus manihoti	on Cassava Plants in Kupa	ng District.
	Proceedings SEMNAS	ΓAN V. Hal 180-187	0
	3.Iburuni. J.U.R. U.R	Rava. Wellem Turup	adang. Julius
	Sugiharto, B.B Simbolo	on. 2019. Field school and	GAP adoption
	of small farmers	in Southwest Sumba.	Proceedings.
	SEMNASTAN VI. Hal 361-370		
	4.Agnes V. Simamora, I	Diana Yudi L. Serangmo, Y	Yohanes UR.
	Iburuni, Sri Widinus	graheni, Antonius Suban	Hali, Fani R.
	Abanat 2022. Trichom	post ability test in suppress	sing Fusarium
	wilt disesase in tomato	plants. Jurnal Wana Lestar	i,. 7 (2): 125 -
	132	-	

5. Don H. Kadja, Yasinta L. Kleden, Johanes Umbu Rebu
Iburuni 2023.Identification of fruit fly species in Timor Island,
East Nusa Tenggara Province. Jurnal Triton, 14(1); 172-170



Name	Agustina Etin Nahas		
Position	Plant Protection, Lecturer		
Academic Career	M.Si in	Universitas Nusa	2013
		Cendana	
	BSc. in The	Universitas Nusa	2000
	Science of Pest	Cendana	
	and Plant Diseases		
Employment	Teaching Staff at Fa	aculty of Agriculture, Uni	versitas Nusa
	Cendana, 2014 – pre	esent	
Address	Office: Agrotechnol	ogy Department, Faculty o	f
	Agriculture, Univers	itas Nusa Cendana, Email:	
	donkadja@staf.unda	na.ac.id	
Research and Development	1. Development of 1	Essential Oils from Drylar	nd Aromatic
Projects during the last five	Plants from Timor as Organic Pesticides to Attract Fruit		
years	Flies.		
	2. Study of Explora	tion of Weeds on Cashey	w and Cocoa
	Plantation in East Flores.		
	3. Damage of Corn	Crops by Spodoptera f	<i>rugiperda</i> in
	Malacca District, East Nusa Tenggara.		
	4. Identification of Fruit Fly Species in Citrus Cultivating		
	Ecosystems in the	Sion Farmer Group, Upan	, Oelbubuk
	Village, South Ce	ntral Timor.	
	5. Identification of F	ruit Fly Species (Diptera: to	ephritidae) on
	Various Types of	f Horticultural Plants Arc	ound Kupang
	City and Kupang	Regency	
	6. Characterization of Pests and Diseases of Avocado Plants		
	in South Central Timor District.		
Important publications	1.Essential Oil of Cymbopogon nardus from Timor Island:		
during the last 5 years	Excellent Source o	f Geraniol	
	2.Chemical Profile A	nd Biological Activity Of	Essential Oils
	From Psidium Guajava Grown In Timor Island-Eastern		
	Indonesia		



Name	Ryan Pieter Imanuel Nalle		
Position	Food Microbiology, Lecturer		
Academic Career	Lecturer	Universitas Nusa	2022 -
		Cendana	present
	M.Sc in Food Science	Institut Pertanian	2021
		Bogor	
	BSc. in Food Science and	Universitas	2013
	Technology	Brawijaya	
Employment	Teaching Staff at Processing of Ag	ricultural Product Ma	ajor,
	Akademi Sabu Raijua (AKSARA)	- State Agricultural H	Polytechnic
	of Kupang, 2016 - 2021		
	Teaching Staff at Faculty of Agricu	llture, Universitas Nu	ısa Cendana,
	2022 - present		
Address	Office: Agrotechnology Departr	nent, Faculty of	Agriculture,
	Universitas Nusa	Cendana,	Email:
	ryan.pieter.imanuel.nalle@staf.undana.ac.id		
	ryanpieter.in@gmail.com		
Research and	1. Effect of sanitizer and <i>Lactobacillus rhamnosus</i> R23 on the growth		
Development	of Salmonella spp. in raw chicken fillet during temperature abuse		
Projects during the	storage (2018-2020)		
last five years	2. Ozone Micro-Bubble Water (O	MBW) as raw chick	ken sanitizer
	agents against Salmonella spp. during temperature abuse (2018)		
	3. Integrated Forestry Farming System: A transition to food security		
	in a climate change? – Study Cas	e of Agro-forestry ar	nd Intensive
	Farming in Banjarnegara – Centr	al Java (2017)	
Important	1. Nalle, R.P.I., Nuraida, L., Ma	hakarnchanakul, M	W Dewanti-
publications during	Hariyadi, R. 2021 Effect of saniti	zer and Lactobacillu	is rhamnosus
the last 5 years	R23 on the growth of <i>Salmonella</i>	spp. in raw chicken	fillet during
	temperature abuse storage. Fo	od Research. <u>5 (</u>	<u>5): 250-258</u>
	https://doi.org/10.26656/fr.2017.	<u>5(5).029</u>	
	2. Nalle, R.P.I. 2018. Ozone Micro	D-Bubble Water (ON	IBW) as raw
	chicken sanitizer agents aga	ainst Salmonella	spp. during
	temperature abuse. Oral Presen	ting at Food Safety	Postgraduate
	Niobility Programme Semi	nar: I ranscending	Kesearch
	Ath EOSMOP Drogram Processor	liaysia (UPM) & IPf	o university.
	4 ⁴⁴⁴ FUSMUB Programme Bool	K: 20	

	3. MS Food Security & Climate Change. 2017. Integrated Forestry				
	Farming System: A transition to food security in a climate change?				
	- Study Case of Agro-forestry and Intensive Farming in				
	Banjarnegara – Central Java. Project Report .				
	https://www.msfscc.org/downloads/summer-school/2017-				
	Summer-School-UGM-Indonesia.pdf				
Activities in	Indonesian Association of Food	Sub-coordinator 2022 -			
specialist bodies	Technologists - PATPI	of Division of present			
over the last 5 years		Public Relation			



Name	Ni Luh Putu Ravi Cakswindryandani		
Position	Food Technology, Lecturer		
Academic Career	Lecturer	Universitas Nusa Cendana	2022 - present
	M.Sc in Food Technology	Universitas Udayana	2017 - 2019
	BSc. in Agricultural Industry Technology	Universitas Udayana	2012 - 2016
Employment	 Agricultural technology Internal Audit Officer - Retailindo Pratama, 201 Teaching Staff at Culina 2019 – 2020 QA Staff at Lembaga Pe 2019 – 2021 Head of QA at Lembag Bali 2021 – 2022 Teaching Staff at Facult 2022 - present 	faculty research team, 2016 - Internal Control Departme 7 – 2019 ary Art Major, Politeknik Int njaminan Mutu Politeknik In a Penjaminan Mutu Politekr y of Agriculture, Universitas	– 2017 nt – PT. Global ternasional Bali, ternasional Bali, nik Internasional s Nusa Cendana,
Address	Office: Agrotechnology Department, Faculty of Agriculture, Universitas Nusa Cendana, Email: ni.luh.putu.ravi.cakswindryandani@staf.undana.ac.id		
Research and	1. Base Genep powder as a	local product of Bali (2019 -	- 2020)
Development Projects during the last five years	2. Extraction and encapsulation of Bali typical <i>Base Genep</i> Study of temperature and maceration time and concentration of tween 80 as an emulsifier		
Important publications during the last 5 years	 Cakswindryandani, N.I Characteristics of "Base and Extraction Time. M Journal of Food https://doi.org/10.24843/2 Cakswindryandani, N.I Tween 80 as Emulsifier o Oral Presenting at Join C Precision Agriculture (Innovative Agricultural T 	L.P.R. , L.P. Wrasiati., & L. Genep" Extracts on Treatmon Media Ilmiah Teknologi Pat Technology , 7 (1) : <u>MITP.2020.v07.i01.p02</u> L.P.R. 2021. The Effect of Contended Endowed Seconference Asian-Australasian ACPA) and International Sechnology (ICIAT), 29 – 31	Suhendra. 2020. ent Temperature ngan Scientific 10 – 16, Concentration of asoning Extract. n Conference on Conference on October 2021

Activities in	Indonesian Association of	Member	2022 - present
specialist bodies	Food Technologists -		
over the last 5	PATPI		
years			



Name	Widasari Bunga		
Position	Agronomy, Lecturer		
Academic	Lecturer	Universitas Nusa Cendana	2013
Career	M.Sc in Agronomy	Universitas Gadjah Mada	2012
	BSc. in Agronomy	Universitas Nusa Cendana	2009
Employment	Teaching Staff at Facul	lty of Agriculture, Universitas Nu	isa Cendana,
	2013 - present		
Address	Office: Agrotechnology Department, Faculty of Agriculture, Universitas		
	Nusa Cendana, Email:	widasari.bunga@staf.undana.ac.i	id
Research and	1.Artisanal and Small S	Scale Manganese Mining in Noeli	mina Catchment
Development	Area (Social Impact A	Assesment Survey) (2015-2017)	
Projects during	2.Factors Affecting A	gricultural Production of Sma	all-Holder Rice
the last five	Farmers, Desa Lina	mnutu, TTS, NTT: Eastern I	Indonesia Field
years	Intensive (EIFI) (2016	6)	
	3.Behavior of Vegetab	le Farmers in Using Chemical I	Pesticides (Case
	Study in Mata Air Vil	lage, Central Kupang District, Ku	upang Regency)
	(2016)		
	4. Growth and Yield Responses of Several Varieties of Mungbean		
	Under Drought-Stress	s Conditions (2022)	
Important	1. I W Nampa, J E R N	Iarkus, I W Mudita, R L Natonis	s, W Bunga and
publications	N R Kaho. 2018.	Transforming Ex-Small Scale N	fining Land As
during the last 5	Alloviation IOP Conference Series Forth and Fourier		
years	Alleviation. IOP Conference Series: Earth and Environmental Science (FFS) International Conference on Green Agree industry		
	Science (EES), International Conference on Green Agro-industry		
	and Bioeconom	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	131(1):012029.
	DOI:10.1088/1755-	-1515/151/1/012029. ISSN 1753-	ISIS
	2. Konan Fisher, Hann	han Ling, Remi Natonis, Saran H	Bunge Weyer
	Nampa 2010 A	rtisanal and Small-Scale Min	ing and Rural
	Livelihood Diversi	fication: The Case of Manganes	se Extraction in
	West Timor Indor	nesia The Extractive Industrie	es and Society
	Volume 6 Issue 1 January 2019 Pages 229-240 ISSN 1755-1315		
	3 Widesari Bunga 2020 Identification of Drought Tolorance In		
	Sovbean Cultivars	Using A Stress Susceptibility	v Index. Plant
	Biosecurity and H	Biodiversity in Drvland Areas	in a Time of
	Climate Change.	Collected Papers. Kupang East	Nusa Tenggara,
	November, 2019. P	ages 15 -17. ISBN 978-0-646-81	675-3.

Activities in	Indonesian	Member	2023
specialist bodies	Agronomy		
over the last 5	Association		
years			



Name	Aristarkhus Taloim		
Position	Agronomy, Lecturer		
Academic	Lecturer	Universitas Nusa Cendana	2022
Career	M.Sc in Agronomy	Universitas Nusa Cendana	2017
	BSc. in Agronomy	Universitas Nusa Cendana	2012
Employment	Teaching Staff at Faculty of Agriculture, Universitas Nusa Cendana,		
	2022 - present		
Address	Office: Agrotechnology Department, Faculty of Agriculture, Universitas		
	Nusa Cendana, Email: ataloim@ymail.com		
Research and	1.Application of Conservation-Based Agriculture Model in Undana		
Development	Dry Land (2017 -2018)		
Projects during	2.Farmer Group Assistance for Planting Various Horticultural Leading		
the last five	Commodities in NTT Dry Land (2018)		
years	3. Training on Conservation Agriculture Model in Cooperation between		
	Undana and Food and Agriculture Organization of the United Nations		
	in Malacca District (2017)		