

Community Service Activities of the Agrotechnology Study Program: Local Issues and Curriculum Integration

No	Article Title/Community Service Title	Year	Lecturer	Focus of community service	Relevance to Local Issues	Integrated with the Course
1	Improving the Food Processing Skills of the GMT Kota Baru Congregation (https://journal.universitaspahlawan.ac.id/index.php/cdj/article/view/18905/14202)	2023	Ni LPR Cakswindryandan, L Mukkun, HJD Lalel, Z Abidin	Food Technology	Local Food Security, Community Economic Empowerment	1. Agricultural Product Processing Technology 2. Food Security and Sovereignty 3. Packaging and Storage Technology
2	Improving the Skills of The Sonaf Honis Bonen Community in Chili Cultivation and Processing (https://doi.org/10.31004/cdj.v4i6.19165)	2023	MV Hahuly, AV Simamora, PS Nenotek, AE. Nahas, NLP Chakswindryandani	Chili Production, Technology processing	Sustainable Dryland Farming	1. Weed Control Technology 2. Fundamental of Crop Protection 3. Soil and Water Conservation 4. Horticultural and Landscape Plant Cultivation 5. Agricultural Product Processing Technology
3	Processing of organic waste into Bokashi Plus and Eco-Enzyme in the Manekan farmer group in Baumata Village, Kupang Regency (Article)(Jurnal Pengabdian Kepada Masyarakat, 3(11), 785–794. (https://ejournal.45mataram.or.id/index.php/swarna/article/view/1546)	2024	PO Bako, LF Ishaq, INP Soetedjo, M Kasim, Y Kleden, R Ludji, YT Rubak	Organic fertilizer technology	Household and Agriculture waste issues	1. Soil Fertility and Fertilization Technology 2. Soil Quality
4	Processing Waste into Soil Conditioner, Pots, and Organic Pesticides in Buraen, Kupang. (https://doi.org/10.31004/cdj.v4i4.19121)	2023	YI Benggu, ASJA Tae, I NP Soetedjo, TS Harini, and LF Ishaq	Organic fertilizer and pesticide technology	Household and Agriculture waste issues	1. Soil Fertility and Fertilization Technology 2. Soil Quality

5	Waste Processing in Places of Worship as Promotional Medium for Waste Processing at Sources in Kupang City. (https://doi.org/10.31004/cdj.v6i2.39475)	2025	IGBA Arsa, IW Nampa, YS Mau, ASS Ndiwa, N Rammang, F Pramataana	Utilization of organic waste for organic fertilizer (compost technology)	Organic waste issues in Kupang City	1. Annual and Perennial Plant Cultivation Technology 2. Agricultural Biotechnology
6	Optimizing the Utilization of Yard Land through the Budikdamber (Budidaya Ikan dan Sayur dalam Ember = Fish and Vegetable Farming in Buckets) Technique at the Bethesda Church Congregation, Buraen Village (https://core.ac.uk/download/pdf/588310831.pdf)	2023	W Bunga, YR Kana, R Pollo, A Taloim, ASS Ndiwa	Aquaponic	The diversification of agricultural products (fish and plants) enriches dietary patterns and enhances the community's nutrition	1. Soilless Cultivation 2. Food Security and Sovereignty
7	Optimization of Orange and Vegetable Farming in the Sion Farmer Group, Oelbubuk Village, Central Mollo District, South Timor Tengah Regency (https://ejurnal.undana.ac.id/index.php/jlppm/article/view/12034/5500)	2023	MV Hahuly, AV Simamora, PS Nenotek, AE. Nahas, Yosep S Mau, HJD. Lalel, W Bunga	Pruning of Soe Mandarin and Vegetable Cultivation	The cultivation of Soe Mandarin, which is one of the local flagship crops from South Central Timor.	1. Plant Growth and Development 2. Annual and Perennial Plant Cultivation Technology, 3. Horticultural and Landscape Plant Cultivation
8	Utilization of Organic Waste for Eco Enzyme Production in Buraen Village, Kupang Regency. (https://abdiinsani.unram.ac.id/index.php/jurnal/article/view/2064/1307)	2024	MJ Kapa, AV Simamora, W Bunga, YR Kana, JA Lodingkene, YUR Iburuni	Eco Enzyme	Utilization of kitchen waste and agricultural by-products into eco-friendly and functional products in the form of eco-enzyme.	1. Sustainable Management of Dryland Agriculture 2. Agricultural Waste Management Technology
9	Drip Irrigation and Environmentally Friendly Fruit Fly Control in Chili Cultivation	2025	MV Hahuly, AV Simamora, PS Nenotek, AE Nahas, Y Listra, FNS Sana	Chili Production, pest control	Sustainable Dryland Farming	1. Plant Pest and Disease 2. Fundamental of Crop Protection

	https://journal.universitaspahlawan.ac.id/index.php/cdj/article/view/42357)					3. Soil and Water Conservation 4. Horticultural and Landscape Plant Cultivation
10	Optimization of Citrus and Vegetable Cultivation in the Sion Farmer Group of Oelbubuk Village, Central Mollo District, TTS Regency https://ejurnal.undana.ac.id/index.php/jlppm/article/view/12034)	2023	MV Hahuly, AV Simamora, PS Nenotek, AE Nahas, YS Mau, HJD Lalel, W Bunga	Horticulture cultivation	Sustainable Dryland Farming	1. Weed Control Technology 2. Fundamental of Crop Protection 3. Horticultural and Landscape Plant Cultivation
11	Healthy Plant Cultivation with Trichocompost & Liquid Organic Fertilizer https://ejurnal.undana.ac.id/index.php/jlppm/article/view/8076)	2022	MV Hahuly, AV Simamora, PS Nenotek, AE Nahas, CC Nguru, and MBF Manao Nubatonis	Horticulture cultivation	Sustainable Dryland Farming	1. Plant Pest and Disease 2. Soil Fertility and Fertilization Technology 3. Integrated Pest Management Technology
12	Trichocompost Production in the Sion Farmer Group of Upan Hamlet, Oelbubuk Village, Central Mollo District. https://ejurnal.undana.ac.id/index.php/jlppm/article/view/9541)	2022	AV. Simamora, MV Hahuly, PS Nenotek, DYL. Serangmo, AE Nahas, AS Hali, and KM. Kamlasi	Horticulture cultivation	Sustainable Dryland Farming	1. Plant Pest and Disease 2. Soil Fertility and Fertilization Technology 3. Integrated Pest Management Technology 4. Horticultural and Landscape Plant Cultivation
13	Cultivation of Healthy Plants in Fatuulan Village, Kie District, South Central Timor Regency. https://ejurnal.undana.ac.id/index.php/jlppm/article/download/8074/4110/)	2021	AV Simamora, MV Hahuly, PS Nenotek, AE Nahas, JK Nomleni, and PE Nenobais	Horticulture cultivation	Sustainable Dryland Farming	1. Plant Pest and Disease 2. Fundamental of Crop Protection 3. Soil and Water Conservation 4. Horticultural and Landscape Plant Cultivation

14	Management of Plant Disturbing Organisms of Chickpeas in Buraen Village, South Amarasi District, Kupang Regency (https://ejurnal.undana.ac.id/index.php/jlppm/article/view/13550)	2023	AE Nahas, IW Mudita, YS Mau, DH Kadja, JMP Asbanu, and F Efantry	Management of Chickpea Plant Disturbing Organisms	Sustainable Dryland Farming, Pest Control for spesific organism	1. Fundamental of Crop Protection 2. Plant Pest and Disease 3. Pest and Disease Identification Technology
15	Identifying and Controlling Pests and Diseases to Develop Banana Potential As a Source of Community Income In Buraen Village, Kupang District, East Nusa Tenggara Province (https://journal.universitaspahlawan.ac.id/index.php/cdj/article/view/37487)	2025	IW Mudita, AE Nahas, PS Nenotek, DH Kadja, DYL Serangmo, Ni LPR Cakswindryandani, CP Seran, and MS Uli	How to identify and control banana pests and diseases	Sustainable Dryland Farming, Pest and Disease Control Specific to Dryland Agriculture	1. Fundamental of Crop Protection 2. Plant Pest and Disease 3. Pest and Disease Identification Technology
16	Organic Plus Fertilizer Technology for the Men's Group of the GMT Betesda Buraen Congregation, South Amarasi District, Kupang Regency (Report, December 2023). (https://drive.google.com/file/d/1SboiDbhSTqW9WaDYzJq1MvfjD301-BhZ/view?usp=sharing)	2023	MM Airtur, PO Bako, DYL Serangmo, LF Ishaq, S Widinugraheni	Enriched organic fertilizer technology	Synthetic fertilizer issue	1. Soil Fertility and Fertilization Technology 2. Soil Quality
17	Introduction of Bio-Organic Fertilizer and Organic Pesticides as a Model for Sustainable Agriculture in the Manekan Baumata Farmer Group (Report, 2022) (https://drive.google.com/file/d/1UooBsCKh_yEAKl4VBzOsLM-MBDKIaST/view?usp=sharing)	2022	LF Ishaq, ASJ Adu Tae, YI Benggu, MJ Kapa, R Ludji, and PS Nenotek	Enriched organic fertilizer technology	Synthetic fertilizer and pesticide issues	1. Soil Fertility and Fertilization Technology 2. Soil Biology 3. Soil Quality
18	Development of various vegetables after paddy rice in Noelbaki village,	2022	IGBA Arsa, I Wayan Nampa, Yosep Seran Mau, Antonius S. Ndiwa, and	Vegetable cultivation technology	Vegetable Production Issues in	1. Fundamental of Agronomy 2. Annual and Perennial Plant

	19Kupang district (Report, September 2022) https://drive.google.com/file/d/1i3U1y2DV5ROv13YATZrS48aLfZ5cwLol/view?usp=sharing)		Petronella S. Nenotek	after paddy rice	Kupang District	Cultivation Technology
19	Biochar Production in the Iklas Farmers Group in Tubuhue Village, West Amandaban, South Central Timor. https://kupang.tribunnews.com/2020/07/29/dosen-mahasiswa-dan-alumni-faperta-undana-gelar-pkm-di-tubuhue-tts)	2020	MV Hahuly, L Mukkun, AV Simamora, PS Nenotek, JBD Henuk, and AE Nahas	Horticulture cultivation	Sustainable Dryland Farming	1. Soil Fertility and Fertilization Technology 2. Soil Physic 3. Integrated Pest Management Technology
20	A team of lecturers, students of the Agrotechnology Study Program, and alumni of Faperta Undana conducted PKM in Buraen Village. The Activities include: 1. Understanding and Selecting Banana Cultivars as a Source of Income; 2. Preparing to Identify and Manage Fusarium Wilt, Dwarf Disease, and Blood Disease Introduced from External Sources; 3. Innovative Processing and Presentation of Banana Products as Alternative Income Sources; 4. Marketing Bananas: Lessons Learned from Banana Crop Damage in Sumba and Flores Islands; 5. Identification and Management of Highly Destructive Banana Pests; 6. Cultivating Bananas Using Healthy and Aesthetic Practices to Enhance Income; 7. Identification and Control	2024	IW Mudita, AV Simamora, AE Nahas, PS Nenotek, DYL Serangmo, DH Kadja, and IW Nampa	Horticulture cultivation	Sustainable Dryland Farming	1. Plant Pest and Disease 2. Soil Fertility and Fertilization Technology 3. Integrated Pest Management Technology 4. Horticultural and Landscape Plant Cultivation 5. Agribusiness Management 6. Fundamental of Crop Protection

	of Devastating Banana Diseases (https://faperta.undana.ac.id/en/2024/tim-dosen-mahasiswa-ps-agroteknologi-dan-alumni-fakultas-pertanian-universitas-nusa-cendana-kembali-lakukan-pkm-mengidentifikasi-dan-mengendalikan-hama-dan-penyakit-untuk-mengembangkan-potensi-pisa/)					
21	Horticultural Cultivation for Communities in Layoffs Due to Covid-19 in RT 24/RW 09 Naikoten Satu Village, Kota Raja District, Kupang City (https://deepublishstore.com/shop/buku-akademisi-mengabdi/)	2021	AE Nahas, PS Nenotek. AV Simamora, TS Harini, JA Londingkene	Horticulture Cultivation	Local Food Security, Community Economic Empowerment	1. Horticultural and Landscape Plant Cultivation