

Chili and Eggplant Seeds: What are the benefits and influence of Planting Horticultural Crops on the Inflation Rate of Munggu Village?

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ABSTRACT The term broadly refers to a modern plant yard. Cultivating commodities on a house ladder is small-scale. The target researcher distributes seed horticulture to price chilies or prevents inflation, notably in Village Wait Subdistrict Nugget Regency Ponorogo. Research methodologies include direct observation and survey in Wait Subdistrict Nugget Regency Ponorogo. Researchers found that some Village Wait residents are farmers in their activities survey. Thus, the organization distributes seeds to every Village Wait resident to grow chilies and eggplants. Momentary inflation Impact: The rise in food prices later significantly influences market food prices. Chilli and eggplant seed distribution might cause rate inflation. Low and stable inflation is necessary for sustained economic and societal well-being. Inflation control is essential because excessive and unstable inflation hurts the public economy.

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1. INTRODUCTION

Increase resident demand for food, and yang can sustain life. Commodity horticulture provides fiber (Adetunji & Sze, 2012; Huang, 2012; Yulianeta, 2022b), vitamins (Francis & Adams, 2019), protein (Kusumaningsih et al., 2019), and other nutrients needed by the public (Idelevich, 2014). Horticulture, a tropical commodities agriculture, has great potential in Indonesia and might provide foreign exchange (Cholily, 2019; Kusumaningsih, 2017; Yulianeta, 2022a). However, the result is still unsatisfactory. Farming methods, environmental conditions, pests, and illnesses cause issues.

Pests and illnesses limit crop cultivation and can reduce productivity by 40%. Some areas can create something with relatively lower expenses than others because they have a potency source of power kindness (Amandangi & Sundusiah, 2020; Sofiana, 2021; Yun, 2020). The Theory of comparative superiority describes the ability to develop superior goods (Hardini et al., 2022; Li, 2020; Maghfira, 2020). A regional approach to commodities agriculture aims to improve productivity and product agriculture by recognizing existing regions. General and continual

price increases for goods and services are called inflation.

Price rises: One or two commodities are not inflationary unless they boost the price of other goods (Alzeer, 2021; Beekman, 2022; Qi & Roe, 2017). Indonesian Central Statistics Agency (BPS) inflation calculation. In n surveys, BPS collected price data on commodities and services deemed to represent public retail consumption. Data n is utilized for count-level inflation with price moment comparison.

These factors can generate inflation (Hamraoui, 2020; Pohl, 2019; Sadjadi, 2019): a) Pressure from side offer (Cost Push Inflation): When side offer pressure or production costs rise. b) Demand-Pull Inflation: Occurs when side request or enhancement request products and services relative to availability causes inflation. Macroeconomics depicts this as production exceeding n potential or aggregate demand exceeding n from the capacity economy. This issue can raise prices. c) Expectations Inflation: Society and economic players' views and expectations affect future inflation.

Factor Consumers (Zhu, 2022), investors (Zhang, 2021), and economic actors may be influenced (Liang, 2019). Low and stable inflation is necessary for sustained economic and societal well-being (Ma, 2022; Mirani, 2021; Zha, 2020). Controlling inflation is important because excessive and unstable inflation harms the public economy. Consumers (Zhu, 2022), investors (Zhang, 2021), and economic actors may be influenced (Liang, 2019). Low and stable inflation is necessary for sustained economic and societal well-being (Ma, 2022; Mirani, 2021; Zha, 2020). Controlling inflation is important because excessive and unstable inflation harms the public economy.

In order to mitigate the occurrence of inflation, society can employ the strategy of cultivating specific plant species that can resist inflationary trends (Mustakim et al., 2023; Rahmad et al., 2022; Rizki et al., 2022). Specifically, the plant that can be planted. To mitigate inflation, it is recommended to cultivate chili and eggplant seeds (Chinnaraja, 2014; Kulkarni et al., 2011). The significance of chili in contemporary civilization is a topic of interest. Sufficiently elevated to the extent that inhabitants regularly utilize it daily (Hasanah et al., 2022; Humaidi et al., 2022; Vidyastuti et al., 2018). Chili has a significant impact on inflation at the local and national levels. Not only do chili plants prevent inflation, but eggplant plants also possess the capability to do so (Effendi et al., 2022; Rosyid et al., 2023; Triono et al., 2023). This is because eggplant is a commonly consumed food item in high demand among individuals.

The successful cultivation of chili and eggplant can be attributed to the action of planting. This measure has the potential to mitigate inflationary pressures, minimizing the impact on the stability of food prices in the market. Cultivating plants, namely chili, and eggplant, from seeds in horticulture can serve as a means to assist the general people during periods of increased food prices or inflation.

2. METHOD

The method of devotion employed involves the distribution of seeds to all village residents (Yuniwati et al., 2023). The process of seed germination in horticulture involves the cultivation of chili plants and the growth of eggplant plants. The presence of a principal is essential in any civilization to enable the production of vegetables on a large scale, hence meeting the vegetable needs of individuals and society as a whole.

3. RESULTS AND DISCUSSION

Village Wait is A village _ administrative located in the Regency Ponorogo, Province East Java - Indonesia. Village This is the largest in the District of Bungkal and is in the mountains. Condition Village Wait If seen from the facet amount, its inhabitants are crowded village residents. Resident Village Wait part significant profession as farmer good to have

land Alone nor Work as laborer farmer.

Regarding Source Power Nature (SDA), Village Wait is a village with Lots of source Power that can be managed economically with Mark. Many plant foods, like cassava, corn, sweet potato, and other plants, can make food light.

In method observation, the researcher does survey observation directly in the village Wait Subdistrict Bungkal. Results of the survey conducted by the researcher show that most residents of Village Wait are farmers. Therefore, it is a work program in Which the researcher distributes seed horticulture from chili and eggplant. Horticulture is the cultivation of plant yards (Choirudin et al., 2021; Yuniwati et al., 2017, 2024). More broadly, the term refers to cultivation plant yards with modern techniques and covers several scopes of work. Field his job covers nursery, nursery, culture network, production of various commodity plants, eradication pests and diseases, harvesting, packaging product, and ultimately distribution bulk. Agriculture is used for fulfilling the needs of food and medicine.

Cultivation commodity horticulture can be done on a small scale, like a House ladder. The method starts from sowing, making, and caring for them up to harvest. You can utilize your yard or land to cultivate vegetables and fruit for consumption Alone. Thus, horticulture gives benefits the cultivator.

Types of plant horticulture are:

a. Plant vegetables

Vegetables are one of the needs of food that is in demand daily. Vegetables are one of the types of cultivated plants using modern horticulture. The farmer can massively produce vegetables to fulfill the public's needs nationally (N. Fitriana et al., 2021; Yuniwati, 2018b).

b. Plant Fruit

Fruit is also a type of cultivated commodity in a way, horticulture. Like vegetables, some types of fruit usually only bear fruit on season-specific for example, mango, rambutan, durian, melon, etc. (Afdah & Yuniwati, 2020; R. et al. et al., 2022; Masruroh et al., 2020).

c. Plant Decorative / Flowers

Fruit and vegetables, for example, plant horticulture, also include plant ornamental or flowers (floriculture). Plant Beautiful colorful This made decoration or decorator room (Dahlani et al., n.d.; Martins et al., 2023a).

d. Plant drug

Cultivation horticulture also produces product drugs often known as herbal plants. If you are familiar with plant pharmacy life or plant drug family (toga), that is the plant type (Martunis et al., 2023b; Sugiono et al., 2023).

There are various possible benefits obtained from the application of agriculture horticulture. Here are four functions and benefits essential for life: a) Provision of food; b) Support of economy; c) function health; d) Function social culture.

Sharing program seeds chili and eggplant Is carried out in the Village Wait, specifically spread across Munung Hamlet, Village Munggu, District Bungkal, Regency Ponorogo. Seed chili and eggplant Distribution is shared by 120 houses in Dukuh Munung, Village Munggu, District Bungkal. The researcher coordinates with the chairman of the local RT To know of houses in Munung Hamlet, Village Munggu.

Distribution of seed horticulture done by all Muhammadiyah University KKN students Ponorogo, which Karang Taruna Hamlet Munung built For help team devotion deliver to houses coordinated with the head of RT. One objective researcher in distributing seed horticulture is For lower price chilies on the market or prevent inflation, especially in the Village Wait Subdistrict Bungkal.

Inflation occurs the moment this is greatly influenced by the impact of an increase in the price of food, which significantly influences the price of food on the market (Kurwiyah et al., 2023; Setiyanti et al., 2022; Suharsiwi et al., 2022). With activity distribution, seed horticulture covering plant chili and eggplant can push rate inflation. Hamlet Community Munung Village Wait expected you can utilize land in his yard For plant food To use increase availability, accessibility, and food House ladder by need food that is diverse, nutritious, balanced and safe as well as improvement oriented _ income House ladder.

Impact Enhancement Production

Enhancing production is one of the most extensive planting plant horticulture (Choirudin et al., 2022; Handayani et al., 2023; Hidayatullah et al., 2023). When farmers succeed in production, supply on the market will increase. This matter can reduce pressure inflation Because enhancement supply can balance requests. Stable prices or even down can result (Dwirahayu et al., 2023; Yuniwati, 2011, 2018a).

Contribution of Plant Horticultural to the Economy

Like chili and eggplant, plant horticulture is important in Indonesian agriculture (Saputri et al., 2023; Setyaningrum et al., 2023; Tricahyono et al., 2023). Second plant This role is significant in this country's food, culture, and economy. High demand will plant (Febrian et al., 2023; Kusnawan et al., 2023; Putra et al., 2023). This creates a potency impact on speed inflation in Indonesian markets.

4. CONCLUSION

Horticulture is the cultivation plant yard. By the more broad, the term refers to a cultivation plant yard using modern techniques. Cultivation commodities horticulture can be done on a small scale, like a House

ladder. The method started with seeding, manufacturing, maintenance, and harvesting. You can utilize your yard or land to cultivate plants to form vegetables and fruit. Later, you can consume Alone.

Distribution seed horticulture carried out by the Service Team Muhammadiyah University Ponorogo is a type of plant vegetable that needs food and agriculture in society and has a high demand. _ So that with existing distribution seeds, farmers can plant and produce vegetables on a big to fulfill needs that exist in society. Besides, one objective researcher in distribution seed horticulture is To push the price of chilies on the market or prevent inflation, especially in the Village Wait Subdistrict Nugget Regency Ponorogo. Distribution of seed horticulture, including chili and eggplant, can push rate inflation. Hamlet Community Munung Village Wait expected to utilize land in his yard For plant food to increase availability, accessibility, and food. House ladder needs diverse, nutritious, balanced, and safe food and improved _ income.

5. REFERENCE

- Adetunji, R. R., & Sze, K. (2012). Understanding Non-Verbal Communication across Cultures: A Symbolic Interactionism Approach. *I-Come International Conference on* https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2178486
- Afdah, U., & Yuniwati, E. D. (2020). Contribution of Labor Allocations in the Development of Natural Silk Business Development (Case Study in Krenceng Village, Kepung District, Kediri Regency). *International Journal of Agriculture and Biological Sciences*, 120–130.
- Alzeer, J. (2021). Halal Certification of Food, Nutraceuticals, and Pharmaceuticals in the Arab World. *Handbook of Healthcare in the Arab World*, 765–787. https://doi.org/10.1007/978-3-030-36811-1_36
- Amandangi, D. P., & Sundusiah, S. (2020). BIPA Students' Responses towards Web-Based Indonesian Folklore Enrichment Materials. *4th International Conference on Language, Literature, Culture, and Education*
- Beekman, T. L. (2022). Cognitive styles influence eating environment-induced variations in consumer perception of food: A case study with Pad Thai noodle. *Food Quality and Preference*, 98. <https://doi.org/10.1016/j.foodqual.2021.104525>
- Chinnaraja, C. (2014). Quantification of sugarcane yellow leaf virus in in vitro plantlets and asymptomatic plants of sugarcane by RT-qPCR. *Current Science*, 106(5), 729–734.
- Choirudin, Anwar, M. S., Setiawan, A., Ningsih, E. F., Wawan, Anggraini, D., & ... (2022).

- Pendampingan Penulisan Artikel Hasil Penelitian Pada Jurnal Ilmiah (Kunci Sukses Mahasiswa Menulis Di Jurnal Bereputasi Nasional). *Society: Jurnal Pengabdian Masyarakat*, 1(4), 221–228.
- Choirudin, C., Ridho'i, A. V., & Darmayanti, R. (2021). The slidesgo platform is a solution for teaching" building space" in the era of independent learning during the pandemic. *AMCA Journal of Religion and Society*, 2, 47–52.
- Cholily, Y. M. (2019). Language Competences as a Contributing Factor in Solving Mathematical Problems. *Second Conference on Language, Literature, Education, and Culture (ICOLLITE*
- Dahlani, L., Nurdialy, M., Relawati, R., & Abduh, M. (n.d.). The Prosperity Level of Plasma Palm Oil Farmer's Family in the State Border Area during the New Normal Era. *Jurnal Sosial Ekonomi Pertanian* 16 (2), 155-168.
- Dwirahayu, G., Satriawati, G., Sobiruddin, D., & Fatra, M. (2023). Pendampingan Siswa dan Guru MI dalam Meningkatkan Kualitas Pembelajaran Matematika di Kecamatan Pulosari Kab. Pandeglang-Banten. *Wikrama Parahita: Jurnal Pengabdian Masyarakat*, 7(2), 217–228.
- Effendi, M. M., Darmayanti, R., & In'am, A. (2022). Strengthening Student Concepts: Problem Ethnomatmatics Based Learning (PEBL) Singosari Kingdom Historical Site Viewed from Learning Styles in the Middle School Curriculum. *Indomath: Indonesia Mathematics Education*, 5(2), 165–174.
- Febrian, S., Sumardin, T. G., Yahya, A. A., Sari, S. A. P., Haryvalen, A. F., & Nurhidayat, S. (2023). Maintaining cleanliness and encouraging the local economy (the role of the waste bank in Pohijo Village). *Jurnal Inovasi Dan Pengembangan Hasil Pengabdian Masyarakat*, 1.
- Fitriana, N., Yuniwati, E. D., Darmawan, A. A., & Firdaus, R. (2021). The use of a micro-hydro power plant for the educational park area around the reservoir. *AMCA Journal of Science and Technology*, 2, 34–40.
- Fitriana, R. F. N., Yuniwati, E. D., & Darmawan, A. A. (2022). Potensi Lokal Waduk Purboyo Menjadi Kawasan Wisata. *Seminar Nasional Penelitian Dan Pengabdian 4 UM Metro Tahun 2022 1*
- Francis, L. E., & Adams, R. E. (2019). Two faces of self and emotion in symbolic interactionism: From process to structure and culture—and back. *Symbolic Interaction*.
- <https://doi.org/10.1002/symb.383>
- Hamraoui, K. (2020). Evaluation of hydrothermal pretreatment for biological treatment of lignocellulosic feedstock (pepper plant and eggplant). *Waste Management*, 102, 76–84. <https://doi.org/10.1016/j.wasman.2019.10.020>
- Handayani, S. W., Nisa, M. K., Susanti, E., Nur, A. Y., & Abbas, S. (2023). Chili and Eggplant Seeds: what are the benefits and influence of Planting Horticultural Crops on the Inflation Rate of Munggu Village? *Jurnal Inovasi Dan Pengembangan Hasil Pengabdian Masyarakat*, 2.
- Hardini, T. I., Haerudin, D., & Wirza, Y. (2022). The Implementation of Merdeka Belajar Kampus Merdeka to Early Literacy. *Sixth International Conference on Language, Literature, Culture, and*
- Hasanah, N., Syaifuddin, M., & Darmayanti, R. (2022). Analysis of the need for mathematics teaching materials" digital comic based on islamic values" for class X SMA Students in Era 5.0. *Numerical: Jurnal Matematika Dan Pendidikan Matematika*, 6(2), 231–240.
- Hidayatullah, R., Pratiwi, W., & Tobing, D. D. (2023). Assistance to Boarding School Boarding School Administrators in English Language Development. *Jurnal Inovasi Dan Pengembangan Hasil Pengabdian Masyarakat*, 1, 47–52.
- Huang, C. (2012). Oil production by the yeast *Trichosporon dermatis* cultured in enzymatic hydrolysates of corncobs. *Bioresource Technology*, 110, 711–714. <https://doi.org/10.1016/j.biortech.2012.01.077>
- Humaidi, N., Darmayanti, R., & Sugianto, R. (2022). Challenges of Muhammadiyah's contribution in handling Covid-19 in the MCCC program in Indonesia. *Khazanah Sosial*, 4(1), 176–186.
- Idelevich, E. A. (2014). Acceleration of antimicrobial susceptibility testing of positive blood cultures by inoculation of Vitek 2 cards with briefly incubated solid medium cultures. *Journal of Clinical Microbiology*, 52(11), 4058–4062. <https://doi.org/10.1128/JCM.02400-14>
- Kulkarni, M. G., Light, M. E., & Staden, J. Van. (2011). Plant-derived smoke: old technology with possibilities for economic applications in agriculture and horticulture. *South African Journal of Botany*. <https://www.sciencedirect.com/science/article/pii/S0254629911001141>

- Kurwiyah, N., Anwar, S., Herlinah, L., Suharsiwi, S., Annantusia, A., & ... (2023). Dukungan Keluarga terhadap Pengendalian Hipertensi pada Lansia di Wilayah Rw 10 Kelurahan Utan Panjang Jakarta Pusat. *Jurnal Kreativitas Pengabdian Kepada Masyarakat (PKM)*, 6(5), 2078–2085.
- Kusnawan, W., Kurniawati, V., & Vega, S. (2023). Efforts to increase the selling value of pure cow's milk into fresh processed milk products in Bekiring Village. *Jurnal Inovasi Dan Pengembangan Hasil Pengabdian Masyarakat*, 1, 42–46.
- Kusumaningsih, D. (2017). Pengembangan Model Pembelajaran Kepenyiaran Radio dengan Pemanfaatan Streaming Radio sebagai Upaya Pembentukan Life Skill Bagi Mahasiswa. *Jurnal VARIDIKA*, 28(2), 126–132.
- Kusumaningsih, D., Darmini, W., Suparmin, S., Sukarno, S., & Nugrahani, F. (2019). The Expressive Urban Cultures Exposed in Vulgar Song Lyrics (The Study of Language Sexism). *2nd Workshop on Language, Literature and Society for Education, Wol2SED 2018 ...*
- Li, Y. (2020). Shape-stabilized phase-change materials supported by eggplant-derived porous carbon for efficient solar-to-thermal energy conversion and storage. *Sustainable Energy and Fuels*, 4(4), 1764–1772. <https://doi.org/10.1039/c9se01272a>
- Liang, C. (2019). Eggplant-derived SiC aerogels with high-performance electromagnetic wave absorption and thermal insulation properties. *Chemical Engineering Journal*, 373, 598–605. <https://doi.org/10.1016/j.cej.2019.05.076>
- Ma, L. (2022). Positive effects of applying endophytic bacteria in eggplant-Sedum intercropping system on Cd phytoremediation and vegetable production in cadmium polluted greenhouse. *Journal of Environmental Sciences (China)*, 115, 383–391. <https://doi.org/10.1016/j.jes.2021.08.005>
- Maghfira, T. I. (2020). Nini Randa's Subjectivity in "Tango & Sadimin" Novel by Ramayda Akmal. *4th International Conference on Language, Literature, Culture, and Education ...*
- Martunis, L., Dahliani, L., & Yana, D. (2023a). Analysis of physical and chemical characteristics of soil in coffee plantations in the Mount Puntang Social Forestry Area, West Java. *AMCA Journal of Science and Technology*, 3(1), 1–6.
- Martunis, L., Dahliani, L., & Yana, D. (2023b). Analysis of physical and chemical characteristics of soil in coffee plantations in the Mount Puntang Social Forestry Area, West Java. *AMCA Journal of Science and Technology*, 1, 1–6.
- Masruroh, H., Muddarisna, N., & Yuniwati, E. D. (2020). Assessing Land Use Arrangement In Landslide Prone Area In The Taji Village, Jabung Regency, Malang. *EPH-International Journal of Science And Engineering*, 6(4), 6–10.
- Mirani, A. (2021). Production of the eggplant-fiber incorporated cupcake and evaluating its chemical, textural and colorimetric properties over a ten-day storage time. *Journal of Food Processing and Preservation*, 45(4). <https://doi.org/10.1111/jfpp.15311>
- Mustakim, A., Wawan, W., Choirudin, C., Ngaliyah, J., & Darmayanti, R. (2023). Quantum Teaching Model: Untuk Meningkatkan Hasil Belajar Matematika Siswa MTs. *Jurnal Penelitian Tindakan Kelas*, 1(1), 6–10.
- Pohl, A. (2019). Biostimulant application enhances fruit setting in eggplant—an insight into the biology of flowering. *Agronomy*, 9(9). <https://doi.org/10.3390/agronomy9090482>
- Putra, F. G., Sari, A. P., Qurotunnisa, A., Rukmana, A., & Darmayanti, R. (2023). What are the advantages of using leftover cooking oil waste as an aromatherapy candle to prevent pollution? *Jurnal Inovasi Dan Pengembangan Hasil Pengabdian Masyarakat*, 2, 59–63.
- Qi, D., & Roe, B. E. (2017). *Foodservice composting crowds out consumer food waste reduction behavior in a dining experiment*. Wiley Online Library. <https://doi.org/10.1093/ajae/aax050>
- Rahmad, S., Rani, D., & Annisa, N. V. (2022). Stage of cognitive mathematics students development based on piaget's theory reviewing from personality type. *Plusminus: Jurnal Pendidikan Matematika*, 2(1), 17–26.
- Rizki, N., Laila, A. R. N., Inganah, S., & Darmayanti, R. (2022). Analysis of Mathematic Connection Ability in Mathematics Problem Solving Reviewed from Student's Self-Confedence. *Seminar Nasional Teknologi Pembelajaran*, 2(1), 111–126.
- Rosyid, M. A., Darmayanti, R., & Riono, S. H. (2023). Experimentation of cooperative learning model with group investigation type on communication ability and mathematical disposition. *AMCA Journal of Science and Technology*, 1, 31–35.
- Sadjadi, S. (2019). Eggplant-Derived Biochar-Halloysite Nanocomposite as Supports of Pd Nanoparticles for the Catalytic

- Hydrogenation of Nitroarenes in the Presence of Cyclodextrin. *ACS Sustainable Chemistry and Engineering*, 7(7), 6720–6731. <https://doi.org/10.1021/acssuschemeng.8b05992>
- Saputri, F. N., Setyawidyastuti, M. E. P., Cahyani, A. D., Setiawan, D., & Nurhidayat, S. (2023). Introducing and Supporting Rengginang Cassava Micro Small Entrepreneurs" Bu Tarni" in Pagerukir Village: NIB and Halal Certification. *Jurnal Inovasi Dan Pengembangan Hasil Pengabdian Masyarakat*, 1.
- Setiyanti, A., Basit, A., & Suharsiwi, S. (2022). Observation and Improvement to Undergraduate Student Activities in English Skill Using Mobile-Assisted Language Learning. *English Language in Focus (ELIF)*, 4(2), 137–148.
- Setyaningrum, K. A., Alfalah, M. F., Fatullatifah, L., & Kusnawan, W. (2023). "Ginger Milk" Inovasi Olahan Susu Murni dalam Meningkatkan Ekonomi Peternak Sapi Perah di Desa Wagir Kidul Kecamatan Pulung. *Jurnal Inovasi Dan Pengembangan Hasil Pengabdian Masyarakat*, 1, 10–16.
- Sofiana, R. (2021). The Problems of Halal Certification Regarding Consumer Protection in Malaysia and Indonesia. *Journal of Human Rights, Culture and Legal System*, 1(3), 180–193. <https://doi.org/10.53955/jhcls.v1i3.16>
- Sugiono, A., Masykuroh, E., Sungkawati, E., Setyadjit, S., Dahliani, L., Yustina, I., & ... (2023). Developing model of logistics capability, supply chain policy on logistics integration and competitive advantage of SMEs. *Uncertain Supply Chain Management*, 11(3), 1009–1018.
- Suharsiwi, S., Fadilah, N., & Farokhah, L. (2022). The Use of Audio-Visual Media in Improving Students' Reading Comprehension and Sholat Movements in Online Learning. *Journal of Education Technology*, 6(1), 19–28.
- Tricahyono, W., Hidayati, A., Galuh, A., Laela, E., & Widiyahseno, B. (2023). Potential of Bumdes of Wates Village, Jenangan district in the culinary sector. *Jurnal Inovasi Dan Pengembangan Hasil Pengabdian Masyarakat*, 2.
- Triono, T., Darmayanti, R., & Saputra, N. D. (2023). Vos Viewer and Publish or Perish: Instruction and assistance in using both applications to enable the development of research mapping. *Jurnal Dedikasi*, 20(2).
- Vidyastuti, A. N., Darmayanti, R., & Sugianto, R. (2018). The Role of Teachers and Communication Information Technology (ICT) Media in the Implementation of Mathematics Learning in the Digital Age. *Al-Jabar: Jurnal Pendidikan Matematika*, 9(2), 221–230.
- Yulianeta, Y. (2022a). From Manuscript to Animation: Promoting Memory of the World Using Alternative Media. *The 2022 10th International Conference on Language, Media, and Culture 1*
- Yulianeta, Y. (2022b). Jamu and Javanese Culture: Past and Present. *AIFIS-MSU Inaugural Conference on Indonesian Studies 1 (Michigan State*
- Yun, E. K. (2020). Is Halal certification necessary for exporting to Islamic countries? Focus on OIC countries. *Cultura. International Journal of Philosophy of Culture and Axiology*, 17(1), 173–192. <https://doi.org/10.3726/cul012020.0011>
- Yuniwati, E. D. (2011). Penentuan Indeks Mutu Tanah Pada Ubikayu Sebagai Kunci Teknologi Pemeliharaan Lahan (Land Husbandry). *Berk. Penel. Hayati* 7 (F), 47–54.
- Yuniwati, E. D. (2018a). Bercit-cita Buat Kampung Jambu, Para Dosen Unidhaini kembangkan Potensi Jambu Darsono Gondangmanis. *Koran Online Infokampus*.
- Yuniwati, E. D. (2018b). The Effect of chicken manure and corn cob biochar on soil fertility and crop yield on intercropping planting pattern of cassava and corn. *International Journal of Environmental Sciences & Natural Resources* 15 (2
- Yuniwati, E. D., Darmayanti, R., & Farooq, S. M. Y. (2023). How is organic fertilizer produced and applied to chili and eggplant plants? *AMCA Journal of Community Development*, 2, 88–94.
- Yuniwati, E. D., Darmayanti, R., & Karim, S. (2024). Is it feasible to establish a connection between cassava and rice in terms of their image? *Revenue Journal: Management and Entrepreneurship*, 1(2), 54–58.
- Yuniwati, E. D., Prihartini, I., & Wulandari, D. T. (2017). PKW Jambu Gondangmanis Produk Unggulan Kab. Jombang Eny Dyah Yuniwati, Indah Prihartini dan Dewi Tri Wulandari. *Jurnal ABM Mengabdi*, 4.
- Zha, Z. (2020). One-step preparation of eggplant-derived hierarchical porous graphitic biochar as efficient oxygen reduction catalyst in microbial fuel cells. *RSC Advances*, 11(2), 1077–1085. <https://doi.org/10.1039/d0ra09976g>
- Zhang, C. (2021). Enhanced thermal performance

of phase-change material supported by nano-Ag coated eggplant-based biological porous carbon. *Journal of Energy Storage*, 43. <https://doi.org/10.1016/j.est.2021.103174>

Zhu, R. (2022). Biomass eggplant-derived photothermal aerogels with Janus wettability for cost-effective seawater desalination.

Desalination, 527.
<https://doi.org/10.1016/j.desal.2022.115585>