

## DAFTAR PUSTAKA

- Acola, G., M. A. Ali, G. Bagirwa, G. Bockett, C. Garforth, M. Kimani, R. Lamboll, A. Little, C. Meir, R. Miro, L. Oruko, E. Robinson', B. Sekamatte, W. Serubombwe, J. Ssemwanga, & S. Williamson. 2000. Analysing farmer decision-making in pest management. Central edstitute for Cotton Research India.
- Adekunle, A. A., & A. O. Fatunbi. 2014. A new theory of change in african agriculture. Middle-East Journal of Scientific Research, 21(7): 1083–1096. DOI: 10.5829/idosi.mejsr.2014.21.07.21564.
- Affandi, Hendri, D. Emilda, E. Mansyah, S. De Faveri, S. Vijaysegan, & P. Jonhson. 2023. Implementation of Area-Wide Management for Fruit Fly Control Strategy on Mango cv. Gedong Gincu in Indonesia. In AIP Conference Proceedings 2616 (pp. 040005). Arian-Indonesia: AIP Publishing. DOI: 10.1063/5.0136405.
- Ajzen, I. 1991. The theory of planned behavior. Organizational Behavior and Human Decision Processes, 50(2): 179–211. DOI: 10.1016/0749-5978(91)90020-T.
- Akotsen-Mensah, C., I. N. Ativor, R. S. Anderson, K. Afreh-Nuamah, C. F. Brentu, D. Osei-Safo, A. A. Boakye, & V. Avah. 2017. Pest management knowledge and practices of mango farmers in Southeastern Ghana. Journal of Integrated Pest Management, 8(1): 13. DOI: 10.1093/jipm/pmx008.
- Alhassan, S. I., M. T. Shaibu, J. K. M. Kuwornu, & O. T. Damba. 2018. Factors influencing farmers' awareness and choice of indigenous practices in adapting to climate change and variability in Northern Ghana. West African Journal of Applied Ecology, 26(SI): 1–13.
- Ali, Md. P., M. Md. M. Kabir, S. S. Haque, X. Qin, S. Nasrin, D. Landis, B. Holmquist, N. Ahmed. 2020. Farmer's behavior in pesticide use: Insights study from smallholder and intensive agricultural farms in Bangladesh. Science of the Total Environment, 747: 141160. DOI: 10.1016/j.scitotenv.2020.141160.
- Amoah, P., P. Drechsel, R. C. Abaidoo, & W. J. Ntow. 2006. Pesticide and pathogen contamination of vegetables in Ghana's urban markets. Archives of

Environmental Contamination and Toxicology, 50(1): 1–6. DOI: 10.1007/s00244-004-0054-8.

Ardiwinata, A. N., L. N. Ginoga, E. Sulaeman, & E. S. Harsanti. 2018. Pesticide residue monitoring on agriculture in Indonesia. *Jurnal Sumberdaya Lahan*, 12(2): 133-144. DOI: 10.21082/jsdl.v12n2.2018.133–144.

Arisa, Amruddin, & S. Molla. Adoption of farmers' innovation in the development of onion business in Kayu Loe village, Bantaeng district, Bantaeng regency. *Agripreneur: Jurnal Pertanian Agribisnis, IOCSCIENCE*, 11(1): 25–33. [www.iocscience.org/ejournal/index.php/Agripreneur](http://www.iocscience.org/ejournal/index.php/Agripreneur).

Ashari, R. N. Suhaeti, H. P. Saliem, E. Ariningsih, K. S. Septanti, M. Maulana, S. D. Faveri, P. Johnson, S. Vijaysegaran. 2021. Impact of area-wide management for fruit flies on the role of women in mango farming. *IOP Conf. Series: Earth and Environmental Science*, 892: 012086. DOI: 10.1088/1755-1315/892/1/012086.

Azizah, M.N., Elly R., & B.R. Saefudin. 2018. Perilaku budidaya petani mangga dikaitkan dengan lembaga pemasarannya di Kecamatan Greded Kabupaten Cirebon. *Jurnal Ilmiah Mahasiswa AGROINFO GALUH*, 5(1): 987–998.

Azizi-Khalkheili, T., T. Aenis, M. Menatizadeh, & G. Zamani. 2021. Farmers' decision-making process under climate change: Developing a conceptual framework. *International Journal of Agricultural Management and Development*, 11(1), 1–15. DOR: 20.1001.1.21595852.2021.11.1.1.3.

[BPS] Badan Pusat Statistik. 2018. Statistik Tanaman Buah-buahan dan Sayuran Tahunan Indonesia. Badan Pusat Statistik/BPS-Statistics Indonesia. pp. 20.

[BPS] Badan Pusat Statistik. 2021. Produksi tanaman buah-buahan. <https://www.bps.go.id/indicator/55/62/1/produksi-tanaman-buah-buahan.html>. Diakses 20 Oktober 2022.

Baihaqi, B. 2014. Terkena isu negatif, ekspor mangga melesu-perdagangan luar negeri. <https://www.neraca.co.id/article/46782/terkena-isu-negatif-ekspor-mangga-melesu-perdagangan-luar-negeri>. Diakses 28 Oktober 2022.

- Barnett, C., P. Cloke, N. Clarke, & A. Malpass. 2011. *Globalizing responsibility: The political rationalities of ethical consumption*. Chichester: Wiley-Blackwell.
- Barratt, E.S. n.d. *Agricultural Change Theory*. Retrieved from <https://cpb-us-w2.wpmucdn.com/sites.wustl.edu/dist/4/945/files/2020/05/56s48cpg.pdf>.
- Bell, D.E., H. Raiffa, & A. Tversky. 1988. *Descriptive, Normative, and Prescriptive Interactions in Decision Making*. In: D.E. Bell, H. Raiffa, & A. Tversky. *Decision Making Descriptive, Normative, and Prescriptive Interactions*. Great Britain. Cambridge University Press.
- Chèze, B., M. David, & V. Martinet. 2020. Understanding farmers' reluctance to reduce pesticide use: A choice experiment. *Ecological Economics*, Elsevier, 2020(167): 106349. DOI: 10.1016/j.ecolecon.2019.06.004ff.
- Benitez-Altuna, F., J. Trienekens, V. C. Materia, & J. Bijman. 2021. Factors affecting the adoption of ecological intensification practices: A case study in vegetable production in Chile. *Agricultural Systems*, 194: 103283. DOI: 10.1016/j.agsy.2021.103283.
- Blackstock, K.L., J. Ingram, R. Burton, K.M. Brown, & B. Slee. 2010. Understanding and influencing behaviour change by farmers to improve water quality. *Science of the Total Environment* 408: 5631–5638. DOI: 10.1016/j.scitotenv.2009.04.029.
- Cabrera, L. C., & P. M. Pastor. 2022. The 2020 European Union report on pesticide residues in food. *European Food Safety Authority (EFSA) Journal*, 20(3): 7215. DOI: 10.2903/j.efsa.2022.7215.
- Cassou, E. 2018. *Pesticides. Agricultural Pollution*. World Bank, Washington, DC. <https://openknowledge.worldbank.org/handle/10986/29507>. Diakses 18 Agustus 2022.
- Chèze, B., M. David, & V. Martinet. 2020. Understanding farmers' reluctance to reduce pesticide use: A choice experiment. *Ecological Economics*, Elsevier, 167: 106349. DOI: 10.1016/j.ecolecon.2019.06.004.
- Chinvinijkul, S., P. Sittilob, W. Limopassmanee, & W. Orankanok. 2016. Fruit fly area-wide integrated control program in Thailand success or failure?. *Proceedings of the 9th International Symposium on Fruit Flies of Economic Importance*. Bangkok, Thailand. pp. 2–20.
- [CommGAP] Communication for Governance and Accountability Program, n.d. *Theories of Behavior Change*. Retrieved from

<https://assets.publishing.service.gov.uk/media/57a08b4bed915d622c000bfd/BehaviorChangeweb.pdf>.

- Dalal, P. K., M. Rathee, & J. K. Singh. 2017. Area wide pest management: concept and approaches. Review. *International Journal of Current Microbiology and Applied Sciences*, 6(11): 1476–1495. DOI: 10.20546/ijcmas.2017.611.176.
- Damalas, C. A., & S. D. Koutroubas. 2014. Determinants of farmers' decisions on pesticide use in oriental tobacco: a survey of common practices, *International Journal of Pest Management*, 60(3): 224–231. DOI: 10.1080/09670874.2014.958767.
- Damalas, C. A., & S. D. Koutroubas. 2018. Farmers' behaviour in pesticide use: A key concept for improving environmental safety, *Current Opinion in Environmental Science & Health*, 4: 27–30. DOI: 10.1016/j.coesh.2018.07.001.
- Dasgupta, S. 2003. Pesticide Use 2003. Development Research Microdata Central, Bangladesh.  
<<https://microdata.worldbank.org/index.php/catalog/399/study-description#metadata-questionnaires>>. Diakses 20 Februari 2022.
- Davis, R., R. Campell, Z. Hildon, L. Hobbs, & S. Michie. 2014. Theories of behaviour and behaviour change across the social and behavioural sciences: a scoping review. *Health Psychology Review*, 9: 323–344. DOI: 10.1080/17437199.2014.941722.
- De Quattro, J. 1997. The whitefly plan - 5 year update. *Agricultural Research* 45: 4-12.
- De Faveri, S., S. Vijaysegaran, H. Fay, D. Iswari, A. Kustaryati, & Soesilo. 2014. Area-Wide Management of Pest Fruit Flies in Smallholder Mango Farms in Indonesia. In A. Malavasi, R. Cardoso-Pereira, W. Orankanok et al. (Eds.), 9th International Symposium on Fruit Fly of Economic Importance. Bangkok-Thailand: Siam Print Co., Ltd.  
<https://nucleus.iaea.org/sites/naipc/twd/Documents/ABSTRACTS-9thISFFEI-2014.pdf>
- Dillman, D. A., J. D. Smyth, & L. M. Christian. 2014. Internet, phone, mail, and mixed-mode surveys: the tailored design method. 4th Ed. Hoboken, New Jersey: John Wiley & Sons.

- [DJH] Direktorat Jenderal Hortikultura. 2019. Laporan Tahunan Direktorat Jenderal Hortikultura Tahun 2018. <https://hortikultura.pertanian.go.id/wp-content/uploads/2019/07/Laptah-Horti-2018.pdf>. Diakses 6 Agustus 2022.
- Downey, W.D., & S.P. Erickson. 1998. Agribusiness Management. 2nd edition, print. The 3rd. Jakarta: Erlangga. Translation from: Agribusiness Management.
- Duah, A. D. K. 2002. Public health risk assessment for human exposure to chemical. Dordrecht: Springer.
- Effendi, S. 2012. Metode Penelitian Survei. Ed. rev. LP3ES. Jakarta. pp. 333.
- Eisenhardt, K. M., & M. E. Graebne. 2007. Theory building from cases: opportunities and challenges. *The Academy of Management Journal*, 50(1): 25–32. <http://www.jstor.org/stable/20159839>.
- Elliot, N. C., D. W. Onstad & M. J. Brewer. 2008. History and ecological basis for areawide pest management. In: Koul. O., G. W. Cuperous & N. Elliot (ed) *Areawide Pest Management Theory and Implementation*. CAB International, Oxfordshire, UK. pp. 15–33. <https://digitalcommons.unl.edu/usdaarsfacpub/646>.
- Fan, L., H. Niu, X. Yang, W. Qin, C. P. M. Bento, C. J. Ritsema, & V. Geissen. 2015. Factors affecting farmers' behaviour in pesticide use: Insights from a field study in northern China. *Science of the Total Environment*, 537: 360–368.
- FAO/IAEA. 2007. International conference on area-wide control of insect pests: Integrating the sterile insect and related nuclear and other technique. 9–13 Mei 2005. DOI: 10.1007/978-1-4020-6059-5\_63.
- FAO/IAEA. 2019. Fruit Sampling Guidelines for Area-Wide Fruit Fly Programmes. Enkerlin, W.R., Reyes, J. and Ortiz, G. (eds). Vienna, FAO.
- Faust, R. M. 2008. General Introduction to Areawide Pest Management. In O. Koul, G. Cuperus and N. Elliott *Areawide Pest Management: Theory and Implementation*. p. 142-158 USDA-ARS /UNL Faculty. 645. <https://digitalcommons.unl.edu/usdaarsfacpub/645>.
- Feder, G., R. Murgai, & J. B. Quizon. 2004. sending farmers back to school: the impact of farmer field schools in Indonesia. *Review of Agricultural Economics*, 26(1), 45–62. doi:10.1111/j.1467-9353.2003.00161.x.

- Flyvbjerg, B. 2006. Five misunderstandings about case-study research. *Qualitative Inquiry*, 12(2): 219–45. DOI: 10.1177/1077800405284363.
- Gaston, C. P. 1994. *Pesticide Regulatory Policies of Selected Countries in Asia*. Technical report no. 2. Maryland: Development Alternatives, Inc.
- Grewal, A. M., A. Singla, P. Kamboj, & J. S. Dua. 2017. Pesticide residues in food grains, vegetables and fruits: a hazard to human health. *Journal of Medicinal Chemistry & Toxicology*, 2(1): 40–46. DOI: 10.15436/2575-808X.17.1355.
- Hamilton, S.H., W.S. Merritt, L. Carter, A. Chakraborty, M. Cosijn, L. Lim-Camacho, R. Mishra, G. Syme, M. Das, & D. Ray. 2022. Affecting behavioural change through empowerment: conceptual insights from theory and agricultural case studies in South Asia. *Regional Environmental Change*, 22: 85. DOI: 10.1007/s10113-022-01939-7.
- Hammig, M. D., B. M. Shepard, G. R. Carner, R. Dilts, A. Rauf. 2018. Areawide pest management for non-rice food crops in South-east Asia. In O. Koul, G. Cuperus, & N. Elliott. *Areawide Pest Management: Theory And Implementation*. pp. 326–350.
- Havighurst. 1974. *Development Tasks and Education (Third Ed.)*. New York (US): David McKay Company Inc.
- Hendiarto. 2007. Evaluasi manfaat sekolah lapngan pengendalian terpadu (SLPHT) perkebunan kopi rakyat dalam meningkatkan pendapatan petani. *Jurnal Perlindungan Tanaman Indonesia*, 13(2): 115–126. DOI:10.22146/jpti.11857.
- Hendrichs, J., M. J. B. Vreysen, W. R. Enkerlin, J. P. Cayol. 2021. Strategic options in using sterile insects for area-wide integrated pest management. In V. A. Dyck, J. Hendrichs, & A. S. Robinson. *Sterile Insect Technique: Principles and Practice in Area-Wide Integrated Pest Management*. 2nd ed. CRC Press. pp. 563-600.
- Hendrichs, J., P. Kenmore, A.S. Robinson & M.J.B. Vreysen. 2007. Area-Wide Integrated Pest Management (AW-IPM): Principles, Practice and Prospects. In: Vreysen, M.J., A.S. Robinson & J. Hendrichs (eds) *Area-Wide Control of Insect Pests: From Research to Field Implementation*. Springer, Dordrecht, The Netherlands. pp. 3–33.

- Henneberry, T.J., R.M. Faust, W.A. Jones, & T.M. Perring, eds. 2002. Silverleaf whitefly: National research, action, and technology transfer plan (formerly Sweetpotato Whitefly, Strain B): Fourth Annual Review of the Second 5-Year Plan and Final Report for 1992–2002, held in San Diego, California, February 10–12, 2002. U.S. Department of Agriculture, Agricultural Research Service. pp. 446.
- Hien, N.T.T., V. T.T. Trang, V. V. Thanh, H. K. Lien, D. Đ. Thang, L. T. Xuyen, R. Pereira. 2019. ch. In D. Pérez-Staples, F. Díaz-Fleischer, P. Montoya, & M. T. Vera. Area-Wide Management of Fruit Fly Pests. 1st ed. CRC Press. pp. 343-347.
- Huang, T., E. Y. Cheng, C. Kao, Y. Hwang, & M. Chiang. 2008. Area-wide control of the oriental fruit fly and melon fly in Taiwan. Food and Fertilizer Technology Center for the Asian and Pacific Region. <https://www.fftc.org.tw/en/publications/main/237>.
- Istriningsih, Dewi, Y. A., Yulianti, A., Hanifah, V. W., Jamal, E., Dadang, Sarwani, M., Mardiharini, M., Anugrah, I. S., Darwis, V., Suib, E., Herteddy, D., Sutriadi, M. T., Kurnia, A., & Harsanti, E. S. 2022. Farmers' knowledge and practice regarding good agricultural practices (GAP) on safe pesticide usage in Indonesia. *Heliyon*, 8(1): e08708. DOI:10.1016/j.heliyon.2021.e08708.
- Kassem, H.S., & B.A. Alotaibi. 2020. Do farmers perceive risks of fraudulent pesticides? Evidence from Saudi Arabia. *PLoS ONE* 15(9): e0239298. DOI:10.1371/journal.pone.0239298
- Kruger, H. 2016. Designing local institutions for cooperative pest management to underpin market access: the case of industry-driven fruit fly area-wide management. *International Journal of the Commons*, 10(1): 176–199. DOI: 10.18352/ijc.603.
- Kruger, H. 2020. Industry-Driven Area-Wide Management of Queensland Fruit Fly in Queensland and New South Wales, Australia: Can it Work?. In J. Hendrichs, R. Pereira, & M. J. B. Vreysen, Area-Wide Integrated Pest Management: Development and Field Application, 1st Edition. CRC Press. pp. 693–708.
- Kusumawardani, A., E. Martono, Y. A. Trisyono, & N. S. Putra. 2019. The Knowledge and Attitude of Integrated Pest Management Farmers Field



- Schools Alumni toward the Use of Pesticides in Klaten, Central Java, Indonesia. *Jurnal Perlindungan Tanaman Indonesia*, 23(1): 85–93. DOI:10.22146/jpti.32098.
- Kusumo, R.A.B., E. Rasmikayati, G.W. Mukti, S. Fatimah, & B.R. Saefudin. 2018. Faktor-faktor yang mempengaruhi keputusan petani mangga dalam menggunakan teknologi off season di Kabupaten Cirebon. *Mimbar Agribisnis: Jurnal Masyarakat Ilmiah Berwawasan Agribisnis*, 4 (1), 57–69. <http://dx.doi.org/10.25157/ma.v4i1.789>.
- Levchenko, M. A., & E. A. Silivanova. 2019. Synergistic and antagonistic effects of insecticide binary mixtures against house flies (*Musca domestica*). *Regulatory Mechanisms in Biosystems*, 10(1), 75–82. DOI:10.15421/021912.
- Lindorff, M. 2010. Ethics, Ethical Human Research and Human Research Ethics Committees. *Australian Universities' Review* 52: 51–59. Available at: <https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.1031.9212&rep=rep1&type=pdf>.
- MacFarlane, B. 2009. *Researching with integrity: The ethics of academic enquiry*: Routledge. 1st Ed. Routledge. pp. 208.
- Mahawati, E. 2022. Effect of safety and hygiene practices on lung function among Indonesian farmers exposed to pesticides. *South Eastern European Journal of Public Health (SEEJPH)*, 2: 1–11. DOI:10.11576/seejph-5331.
- Mariyono, J., A. Kuntariningsih, & T. Kompas. 2018. Pesticide use in Indonesian vegetable farming and its determinants. *Management of Environmental Quality: An International Journal*, 29(2): 305-323. Emerald Publishing Limited. DOI: 10.1108/MEQ-12-2016-0088.
- [MAR] Market Analysis Report. 2018. Indonesia crop protection chemicals market size, share & trends analysis report by product (herbicides, fungicides), by application (fruits & vegetables, cereals), and segment forecasts, 2019-2025. <https://www.grandviewresearch.com/industry-analysis/indonesia-crop-protection-chemicals-market>. Diakses 15 Agustus 2022.
- Mari, A.K., M. Khan, E. Aziz, A.G. Khoso, & K.A.E. Eisawi. 2020. Insect pests and predators associated with mango varieties. *Entomology, Ornithology & Herpetology*. 9: 225. DOI: 10.35248/2161-0983.20.9.225.



- Matthews, G. A. 2008. Attitudes and behaviours regarding use of crop protection products-A survey of more than 8500 smallholders in 26 countries. *Crop Protection*, 27(3–5): 834–846. DOI:10.1016/j.cropro.2007.10.013.
- Mau, R.F., E.B. Jang, & R.I. Vargas. 2007. The Hawaii area-wide fruit fly pest management programme: influence of partnerships and a good education programme. In: Vreysen, M.J., A.S. Robinson & J. Hendrichs (eds) *Area-Wide Control of Insect Pests: From Research to Field Implementation*. Springer, Dordrecht, The Netherlands. pp. 671–684.
- Maung, K. L., Y. Y. Mon, M. P. Khine, K. N. Chan, A. Phyoe, A. T. Soe, T. Y. Y. Han, W. W. Myo, S. S. S. San, & A. A. Khai. 2021. Current knowledge of mango and fruit fly (Diptera: Tephritidae) control in Myanmar. *Review. Advances in Entomology*, 9: 49–58. DOI: 10.4236/ae.2021.91005.
- Mengistie, B.T., A.P.J. Mol, & P. Oosterveer. 2017. Pesticide use practices among smallholder vegetable farmers in Ethiopian Central Rift Valley. *Environment, Development and Sustainability*, 19: 301–324. DOI:10.1007/s10668-015-9728-9.
- Morse, J. M., M. Barrett, M. Mayan, K. Olson, & J. Spiers. Verification strategies for establishing reliability and validity in qualitative research. *International Journal of Qualitative Methods*, 13–22. DOI: 10.1177/160940690200100202.
- Mrema, E. J., A. V. Ngowi, S. S. Kishinhi, & S. H. Mamuya. 2017. Pesticide exposure and health problems among female horticulture workers in Tanzania', *Environmental Health Insights*, 11: 1–13. DOI: 10.1177/1178630217715237.
- Muriithi, B. W., N. G. Gathogo, G. M. Diiro, S. A. Mohamed, & S. Ekesi. 2020. Potential adoption of integrated pest management strategy for suppression of mango fruit flies in East Africa: an ex ante and ex post analysis in Ethiopia and Kenya. *Agriculture*, 10(7), 278. DOI: 10.3390/agriculture10070278.
- Murthy, S., T. Jiji, & N. Anitha. 2019. Impact of insecticides on mango pests and their natural enemies. *Journal of Biological Control*, 33(3): 274–278. DOI: 10.18311/jbc/2019/22985.
- Mwungu, C. M., B. Muriithi, V. Ngeno, H. Affognon, C. Githiomo, G. Diiro, & S. Ekesi. 2020. Health and environmental effects of adopting an integrated

- fruit fly management strategy among mango farmers in Kenya. *African Journal of Agricultural and Resource Economics*, African Association of Agricultural Economists, 15(1): 14–26. DOI: 10.22004/ag.econ.307614.
- Ndiaye, M., E. O. Dieng, & G. Delhove. 2008. Population dynamics and on-farm fruit fly integrated pest management in mango orchards in the natural area of Niayes in Senegal. *Pest Management in Horticultural Ecosystems*, 14(1): 1–8.
- Negro, S. O., M. P. Hekkert, & R. E. Smits. 2007. Explaining the failure of the Dutch innovation system for biomass digestion—a functional analysis. *Energy Policy* 35(2): 925–938. DOI: 10.1016/j.enpol.2006.01.027.
- Ngowi, A.V.F., T.J. Mbise, A.S.M. Ijani, L. London, & O.C. Ajayi. 2007. Smallholder vegetable farmers in Northern Tanzania: Pesticides use practices, perceptions, cost and health effects. *Crop Protection*, 26: 1617–1624. DOI:10.1016/j.cropro.2007.01.008.
- Noy, C. 2008. Sampling knowledge: the hermeneutics of snowball sampling in qualitative research. *International Journal of Social Research Methodology* 11: 327–344. DOI: 10.1080/13645570701401305.
- Nyang'au, P. N., B. W. Muriithi, J. M. Nzuma, P. Irungu, H.M. Gichungi, & G. Diiro. 2020. Impact of integrated fruit fly management strategy on food security among smallholder mango farmers in Kenya. *African Journal of Food, Agriculture, Nutrition and Development*, 20(2): 15431–15454. DOI: 10.18697/ajfand.90.18455.
- [ODJ] Open Data Jabar. 2022. Produksi mangga berdasarkan kabupaten/kota di jawa barat. Dinas Tanaman Pangan dan Hortikultura. <https://opendata.jabarprov.go.id/id/dataset/produksi-mangga-berdasarkan-kabupatenkota-di-jawa-barat>. Diakses 28 November 2022.
- Orankanok, W., S. Chinvinijkul, S. Thanaphum, P. Sitilob, & W. R. Enkerlin. 2007. Area-wide integrated control of oriental fruit fly *Bactrocera dorsalis* and guava fruit fly *Bactrocera correcta* in Thailand. In M.J.B. Vreysen, A.S. Robinson & J. Hendrichs (eds.), *Area-Wide Control of Insect Pest*. Springer, Heidelberg, New York. pp. 517–526. DOI: 10.1007/978-1-4020-6059-5\_48.

- Pan, Y., Y. Ren, & P.A. Luning. 2021. Factors influencing Chinese farmers' proper pesticide application in agricultural products. *Review. Food Control*, 122 (107788): 1–9. DOI: 10.1016/j.foodcont.2020.107788.
- Parsa, S., S. Morse, A. Bonifacio, T. C. B. Chancellor, B. Condori, V. Crespo-Pérez, S. L. A. Hobbs, J. Kroschel, M. N. Ba, F. Rebaudo. S. G. Sherwood, S. J. Vanek, E. Faye, M. A. Herrera, & O. Dangles. 2014. Obstacles to integrated pest management adoption in developing countries. *Biological Sciences*, 111(10): 3889–3894. DOI: 10.1073/pnas.1312693111.
- Pasiani, J. O., P. Torres, R.J. Silva, B.Z. Diniz, & E. Caldas. 2012. Knowledge, attitudes, practices and biomonitoring of farmers and residents exposed to pesticides in Brazil. *International Journal of Environmental Research and Public Health*, 9(9): 3051–3068. DOI:10.3390/ijerph9093051.
- Pitoy, M., H. Harmoko, A. Tresnawati, H. F. Pardede, M. Ariyani, Y. S. Ridwan, & R. Yusiasih. 2022. Pesticide residues in fruits and vegetables in Indonesia: findings of five-year proficiency testing. *Accreditation and Quality Assurance*, 27: 181–193. DOI: 10.1007/s00769-022-01502-1.
- Pretty, J. 2003. Social capital and the collective management of resources. *Science*, 302(5652): 1912–1914. DOI: 10.1126/science.1090847.
- Prihartono, N. A., Fitria, L., Ramdhan, D. H., Fitriyani, F., Fauzia, S., & Woskie, S. 2022. Determinants of Hypertension amongst Rice Farmers in West Java, Indonesia. *International Journal of Environmental Research and Public Health*, 19(3): 1152. DOI:10.3390/ijerph19031152.
- Pueschel, J., C. Chamaret, & B. Parguel. 2017. Coping with copies: The influence of risk perceptions in luxury counterfeit consumption in GCC countries. *Journal of Business Research*, 77: 184–194. DOI:10.1016/j.jbusres.2016.11.008.
- [PDSIP] Pusat Data dan Sistem Informasi Pertanian. 2015. Statistik Konsumsi Pangan. Pusat Data dan Sistem Informasi Pertanian, Kementerian Pertanian Indonesia. pp. 61.
- Putra, S. 2018. Peluang Ekspor Mangga Indonesia Menjanjikan. <http://hortikultura.pertanian.go.id/?p=2884>. Diakses 20 Oktober 2021.
- Rafi'ah, R., I. Maliga, & G.Y. Antari. 2022. Pesticide exposure to liver function of farmers in rural and remote areas in Indonesia: A correlational study.

- saintika medika: Jurnal Ilmu Kesehatan dan Kedokteran Keluarga, 18(1): 28–40. DOI: 10.22219/sm.Vol18.SMUMM1.17931.
- Rahman, M., M. Kamal, M. Islam, B. Ahammed, & S. Das. 2021. Integrated pest management practices adopted by mango growers at Meherpur Region in Bangladesh. SAARC Journal of Agriculture, 19(1): 125–138. DOI: 10.3329/sja.v19i1.54784.
- Putra, I.G.S.A., P.S. Asngari, & P.Tjitropranoto. 2006. Dinamika petani dalam beragribisnis salak (kasus di Kabupaten Karangasem Provinsi Bali). Penyuluhan, 2(1): 44–52. DOI: 10.25015/penyuluhan.v2i1.2140.
- Rasmikayati, E, G. Wibawa, R. Andriani, S. Fatimah, & B.R. Saefudin. Kajian potensi dan kendala dalam proses usahatani dan pemasaran mangga di Kabupaten Indramayu. Sosiohumaniora - Jurnal Ilmu-ilmu Sosial dan Humaniora, 20(3): 215–221. DOI: 10.24198/sosiohumaniora.v20i3.15859.
- Saftarina, F., J. Jamsari, M. Masrul, & Y. Lestari. 2022. The Risk Factors and Pesticide Poisoning among Horticultural Farmers: A Pilot Study in Indonesia. Open Access Maced J Med Sci. Open Access Macedonian Journal of Medical Sciences, 10(E): 506–510. DOI: 10.3889/oamjms.2022.8948.
- Samanta, A., A. Gosh, T.K. Hembram, S. Patra, & A.K. Somchowdhury. 2009. Efficacy of insecticides against mango hoppers and fruit yield. Short Communication. Annals of Plant Protection Sciences, 17 (1): 225–274.
- Saputra, C., O. Anwarudin, & D. Sulistyowati. 2018. Persepsi dan adopsi pengendalian hama terpadu lalat buah pada tanaman mangga di Kecamatan Greged Kabupaten Cirebon Provinsi Jawa Barat. Jurnal Jurnal Penyuluhan Pertanian, 13(2): 49–60.
- Seide, V. E., Bernardes, R. C., Pereira, E. J. G., and M. A. P. Lima. 2018. Glyphosate is lethal and Cry toxins alter the development of the stingless bee *Melipona quadrifasciata*. Environmental Pollution, 243, 1854–1860. DOI: 10.1016/j.envpol.2018.10.020.
- Sexson, D. L. & J. A. Wyman. 2005. Effect of crop rotation distance on populations of Colorado potato beetle (Coleoptera: Chrysomelidae): development of areawide Colorado potato beetle pest management strategies. Journal of Economic Entomology, 98 (3): 716–724.

- Shah, R. 2020. Pesticides and human health. in A. Nuro (ed.), Emerging Contaminants, IntechOpen, London. DOI: 10.5772/intechopen.93806.
- Sharma, V. 2020. Indonesia Agrochemicals Market Outlook to 2025- By Type of Pesticides (Herbicides, Insecticides, Fungicides, Bio Pesticides and Others), By Type of Crop Protection Product (Generic and Patented), By Application (Cereals, Vegetables, Fruits and Plantations) and By Sales Regions (Java & Bali Region, Sulawesi, Sumatra and Kalimantan). Ken Research Pvt. Ltd. p. 177.
- Soekarna, D., & M. Sundaru. 1982. The present status of pesticide use in Indonesia. Proceedings of a symposium on tropical agriculture researches. Japan International Research Center for Agricultural Sciences, 16: 15–23.
- Schreinemachers, P., H. Chen, T.T.L. Nguyen, B. Buntong, L. Bouapao. 2017. Too much to handle? Pesticide dependence of smallholder vegetable farmers in Southeast Asia. Elsevier B.V.: Science of the Total Environment, 593–594: 470–477. DOI: 10.1016/j.scitotenv.2017.03.181.
- Supriatna, A. & W. Sudana. 2008. Analisis usahatani mangga gedong (*Mangifera indica* spp.) (Studi kasus Kabupaten Cirebon, Jawa Barat). Jurnal Pengkajian dan Pengembangan Teknologi Pertanian, 11(3): 218–229.
- Ud-Daula, A., S. Raza, G. Mukit, S. Das, A.T.M.M. Rahman, & A. K. Tang. 2016. Present scenario of insecticides and fungicides use in largest mango cultivation area in Bangladesh. Science Journal of Public Health. 4(1): 20–25. DOI: 10.11648/j.sjph.20160401.13
- Utami, R.R., G. Geerling, I.R.S. Salami, S. Notodarmojo, & A.M.J. Ragas. 2020. Agricultural Pesticide Use in the Upper Citarum River Basin, West Java, Indonesia. Journal of Environmental Science and Sustainable Development, 3(2): 235–260. DOI: 10.7454/jessd.v3i2.1076.
- Tempo.co. 2003. Produk hortikultura indonesia terancam ditolak Taiwan. <https://bisnis.tempo.co/read/29514/produk-hortikultura-indonesia-terancam-ditolak-taiwan>. Diakses 21 Oktober 2022.
- Trisyono, Y.A. 2015. Menengok dan merancang kembali PHT di Indonesia. Orasi Ilmiah dalam Dies ke-69 Fakultas Pertanian UGM.
- Ton, S. D. 2019. Proses adopsi dalam kegiatan penyuluhan pertanian. <http://cybex.pertanian.go.id/mobile/artikel/85332/PROSES-ADOPSI->

DALAM-KEGIATAN-PENYULUHAN-PERTANIAN/. Diakses 19 Agustus 2022.

- Untung, K. 2019. Pengantar Pengelolaan Hama Terpadu, edisi kedua. Gadjah Mada University Press. Yogyakarta.
- Vargas, R. I., R. L. Mau, & E. B. Jang. 2007. The Hawaii fruit fly area-wide pest management program: accomplishments and future directions. *Proceedings of the Hawaiian Entomological Society*, 39: 99–104.
- Vargas, R.I., R.F.L. Mau, E.B. Jang, R.M. Faust, & L. Wong. 2008. The hawaii fruit fly areawide pest management programme. Publications from USDA-ARS / UNL Faculty. 656. <https://digitalcommons.unl.edu/usdaarsfacpub/656>.
- Vigiana, E. 2019. Penanganan lalat buah skala luas pada tanaman mangga di kelompok tani angling darma kolaborasi dengan ACIAR. <http://cybex.pertanian.go.id/mobile/artikel/75908/Penanganan-Lalat-Buah-Skala-Luas-Pada-Tanaman-Mangga-Di-Kelompok-tani-Angling-Darma-Kolaborasi-Dengan-Aciar/>. Diakses 12 November 2021.
- Wang, Y., Y. Wang, & Y. Zhua. 2018. What could encourage farmers to choose non-chemical pest management? Evidence from apple growers on the Loess Plateau of China. *Crop Protection*, 114: 53–59. DOI: 10.1016/j.cropro.2018.08.015.
- Wandschneider, T. 2013. Eastern Indonesia agribusiness development opportunities-analysis of mango value chains. A report prepared by Collins Higgins Consulting Group Pty Ltd for the Australian Centre for International Agricultural Research for ACIAR Project AGB-2012-006.
- WHO. 2017. Pesticides. World Health Organization, 2020.
- WHO. 2018. Pesticide residues in food. World Health Organization.
- Wilson, C., & C. Tisdell. 2001. Why farmers continue to use pesticides despite environmental, health and sustainability costs. *Analysis. Ecological Economics*, 39: 449–462. DOI: 10.1016/S0921-8009(01)00238-5.
- Witjaksani, T.T. 2016. Peta ekspor mangga khas indonesia. <https://tabloidsinartani.com/detail/indeks/olahan-pasar/3827-peta-ekspor-mangga-khas-indonesia->. Diakses 28 Oktober 2022.

- WorldAtlas. 2018. The top mango producing countries in the world.  
<https://www.worldatlas.com/articles/the-top-mango-producing-countries-in-the-world.html>. Diakses 28 Oktober 2022.
- Wuepper, D., & T. J. Lybbert. 2017. Perceived self-efficacy, poverty, and economic development. *Annual Review of Resource Economics*, 9: 383–404. DOI: 10.1146/annurev-resource-100516-053709.
- Zaller, J. G., & C. A. Brühl. 2019. Editorial: Non-target Effects of Pesticides on Organisms Inhabiting Agroecosystems. *Agroecology*, 7(75): 5–7 *Frontiers in Environmental Science*. DOI: 10.3389/fenvs.2019.00075.