

DAFTAR PUSTAKA

- Adem, M. S. 2017. Environmental knowledege, attitude and awareness of farmers in Chench Woreda, Gamo Gofa Zone, South Ethiopia. *International Joornal of Scientific and Research Publications* 7(1) : 69 – 76.
- Ahnström, J., J. Höckert, H. L. Bergeå, C. A. Francis, P. Skelton, & L. Hallgren. 2008. Farmers and nature conservation: What is known about attitudes, context factors and actions affecting conservation?. *Renewable Agriculture and Food Systems* 24 (1) : 38–47. doi:10.1017/s1742170508002391
- Akcaoz, H. & B. Ozkan. 2005. Determining risk sources and strategies among farmers of contrasting risk awareness : A case study for Cukurova region of Turkey. *Journal of Arid Environments* 62 : 661 – 675.
- Aljandali, A. & M. Tatahi. 2018. *Economic and Financial Modelling with Eviews*. Springer. Switzerland.
- Anggraini, A. 2018. Produktivitas Tebu Rakyat. *In* : Irham, A. Nurhayati, M. Cholidi, & Daniyanto (Eds.). *Peluang Peningkatan Produksi Gula dan Pendapatan Petani melalui Program Konsolidasi Pengelolaan Tebu Rakyat*. Phoenix Publisher. Yogyakarta. 67 – 78.
- Asnah, Masyhuri, J. H. Mulyo, S. Hartono. 2015. Tinjauan teoritis dan empiris efisiensi, risiko, dan perilaku risiko usaha tani serta implikasinya dalam upaya pencapaian swasembada pangan. *Forum Penelitian Agro Ekonomi*, 33 (2) : 81 – 94.
- Asravor, R. K. 2018. Farmers' risk preference and the adoption of risk management strategies in Northern Ghana. *Journal of Environmental Planning and Management* : 1 – 20.
- Ayinde, O. E. 2017. Risk analysis in innovation system : A case study of production of vitamin A Cassava Variety among farmers in Oyo State, Nigeria. *Journal of Agricultural Faculty of Gaziosmanpasa University* 34(3) : 261 – 268.
- Baumgart-Getz, A., L.S. Prokopy, & K. Floress. 2012. Why farmers adopt best management practice in the United States: A meta-analysis of the adoption literature. *Journal of Environmental Management* 96(1) : 17 – 25. doi:10.1016/j.jenvman.2011.10.006
- Bishu, K. G., S. O. Reilly, E. Lahiff, & B. Steiner. 2016. Cattle farmers' perceptions of risk and risk management strategies : evidence from Northern Ethiopia. *Journal of Risk Research* : 1-19.
- Cahya, D. L. 2016. Analysis of urban agriculture sustainability in Metropolitan Jakarta (case study : urban agriculture in Duri Kosambi). *Procedia - Social and Behavioral Sciences* 227 : 95 – 100.
- Chavas, J. P. 2004. *Risk Analysis in Theory and Practice*. Elsevier Academic Press. California. 34p,35p,38p.

- Chitra, B. M., & K. N. Ramanna. 2018. Adoption behaviour of farmers on improved practices in selected farming systems of Mandya District, Karnataka. *International Journal of Livestock Research*, 8(2), 285-290. <http://dx.doi.org/10.5455/ijlr.20171006112838>
- Dewanto, F. G., J.J.M.R. Londok, R.A.V. Tuturoong, & W. B. Kaunang. 2013. Pengaruh pemupukan anorganik dan organik terhadap produksi tanaman jagung sebagai sumber pakan. *Jurnal Zootek* 32 (5) : 1-8.
- Domingo, S. N., K. A. Parton, J. Mullen, R. Jones. 2015. Risk Aversion among Smallholder High-value Crop Farmers in the Southern Philippines. *PIDS Discussion Paper Series*, No. 2015-03, Philippine Institute for Development Studies (PIDS), Makati City.
- Düvel, G. H. & Botha, A. J. 1999. Human constraints to sustainable agriculture in the arid regions of South Africa. *The Journal of Agricultural Education and Extension*, 6 (1) : 47 – 60. DOI: 10.1080/13892249985300141
- FAO¹. 2007. Good Agricultural Practices – A Working concept, Background Paper for the FAO Internal Workshop on Good Agricultural Practices. FAO. Roma.
- FAO². 2007. Guidelines “Good Agricultural Practices for Family Agricultures. FAO Regional Office for Latin America and the Caribbean. Santiago.
- Fresco, L. O. & E. Westphal. 1988. A Hierarchical classification of farm system. *Experimental Agriculture* 24 (4) : 399 – 419.
- Gadenne, D. L., J. Kennedy, & C. McKeiver. 2008. An Empirical Study of Environmental Awareness and Practices in SMEs. *Journal of Business Ethics*, 84(1) : 45–63. doi:10.1007/s10551-008-9672-9
- Ganpat, W., N. Badrie, S. Walter, L. Roberts, J. Nandlal, & N. Smith. 2014. Compliance with Good Agricultural Practices (GAPs) by state-registered and non-registered vegetable farmers in Trinidad, West Indies. *Food Security* 6 : 61 – 69.
- Gudono. 2017. Analisis Data Multivariat, Edisi 4. BPFE. Yogyakarta.
- Gujarati, D. N. & D. C. Porter. 2009. *Basic Econometrics*, Fifth Edition. McGraw Hill. New York.
- Greiner, R., L. Patterson, & O. Miller. 2009. Motivations, risk perceptions, and adoption of conservation practices by farmers. *Agricultural Systems* 99 : 86 – 104.
- Hanafie, R. 2010. *Pengantar Ekonomi Pertanian*. Andi. Yogyakarta. 160p, 161p.
- Halcrow, H. G. 1981. *Economics of Agriculture*. McGraw-Hill. Tokyo. 88p – 91p.
- Hartati, A. 2007. Pengaruh perilaku petani terhadap risiko keefisienan usahatani kentang di Kabupaten Wonosobo Jawa Tengah. *Agroland* 14 (3) : 165 – 171.

- Hasyim, H. 2009. Analisis Hubungan Karakteristik Petani Kopi Terhadap Pendapatan (Studi Kasus: Desa Dolok Saribu Kecamatan Paguran Kabupaten Tapanuli Utara). *Jurnal Komunikasi Pertanian* 18 (1) : 22 – 27.
- Hemachandra, D. & S. S. Kodithuwakku. 2006. Business Orientation among Poor Dry Zone Farmers in Sri Lanka. *Sri Lankan Journal of Agricultural Economics* 8 : 31 – 49.
- Heryanto, M. A., Y. Sukayat, & D. Supyandi. 2016. Model perilaku petani dalam adopsi sistem usahatani padi organik : Paradoks sosial-ekonomi-lingkungan. *Sosiohumaniora* 18 (2) : 159 – 165.
- Hidayanto, M., Supiandi S., S. Yahya, & L. I. Amien. 2014. Analisis keberlanjutan perkebunan kakao rakyat di kawasan perbatasan Pulau Sebatik, Kabupaten Nunukan, Provinsi Kalimantan Timur.
- Hosmer, D. W., S. Lemeshow, & R. X. Sturdivant. *Applied Logistic Regression*, 3rd edition. John Wiley & Sons, Inc. New Jersey.
- Hou, B., & L. Wu. 2010. Safety impact and farmer awareness of pesticide residues. *Food and Agricultural Immunology* 21 (3): 191 – 200.
- Ikerd, J. E. 1999. Environmental Risks Facing Farmers. <<http://web.missouri.edu/ikerdj/papers/Pocono-er.htm>>. (diakses 23 April 2019).
- Islam, M. T., M. S. Hossen, & R. Khatun. 2014. Farmers awareness on environmental degradation used by modern agricultural technologies in a selected area of Meherpur District. *Journal of Environmental Science and Natural Resources* 7(1) : 289-294.
- Kay, R. D., W. M. Edwards, & P. A. Duffy. 2008. *Farm Management*, Sixth Edition. McGraw-Hill. Singapore. 15p, 110p, 112p.
- Keeney, D. R. 1989 Toward a sustainable agriculture : Need for clarification of concepts and terminology. *American Journal of Alternative Agriculture* 4 (3) : 101-105. doi:10.1017/S0889189300002903.
- Kementrian Pertanian. 2015. Peraturan Menteri Pertanian Republik Indonesia Nomor: 53/Permentan/KB.110/10/2015 Tentang Pedoman Budidaya Tebu Giling Yang Baik (*Good Agricultural Practices/Gap For Sugar Cane*). Jakarta.
- Lewin, K. 1939. Field theory and experiment in social psychology : Concepts and methods. *The American Journal of Sociology* : 868 – 896.
- Listiyarini, T. 2017. PTPN XI Dongkrak Produksi 6 Pabrik Gula. <<https://www.beritasatu.com/agribisnis/463264-ptpn-xi-dongkrak-produksi-6-pabrik-gula.html>>. (diakses 14 Maret 2019).
- Lubis, S. N. 2000. *Adopsi Teknologi dan Faktor yang Mempengaruhinya*. USU Press, Medan.

- Marine, S. C., D. A. Martine, A. Adalja, S. Mathew. K. L. Everts. 2016. Effect of market channel, farm scale, and years in production on mid-Atlantic vegetable producers' knowledge and implementation of Good Agricultural Practices. *Food Control* 59 : 128 – 138.
- McCann, E., S. Sullivan, D. Erickson, & R. De Young. 1997. Environmental awareness, economic orientation, and farming practices : a comparison of organic and conventional farmers. *Environmental Management* 21: 747 - 758. <https://doi.org/10.1007/s002679900064>
- McConnell, D. J. & J. L. Dillon. *Farm Management for Asia: a Systems Approach*. FAO. Roma.
- Mitra, S. & S. Sharmin. 2019. Risk attitudes and financial profitability of tomato farmers – A study in Bangladesh. *Journal of Agricultural Sciences – Sri Lanka* 14 (3) : 207.
- Nurhapsa, N., A. Arham, S. N. Sirajjudin. 2018. Risk Behavior of Onion Farmers in the District Enrekang. *Sebelas Maret Business Review* 3(1) : 1 – 7.
- Pennings, J. M. E. & P. Garcia. 2001. Measuring producers' risk preferences : A global risk-attitude construct. *American Journal of Agricultural Economics* 83(4) : 993 – 1009.
- Pingali, P.L. 1997. From subsistence to commercial production systems: the transformation of Asian agriculture. *American Journal of Agricultural Economics* 79 : 628-634.
- Pongvinyoo, P., M. Yamao, & K. Hosono. 2014. Factors Affecting the Implementation of Good Agricultural Practices (GAP) among Coffee Farmers in Chumphon Province, Thailand. *American Journal of Rural Development* 2(2) : 34 – 39.
- PTPN XI. 2017. Pabrik Gula. <<http://ptpn11.co.id/page/pabrik-gula>>. (diakses 3 Maret 2019).
- PTPN XI. 2019. Laporan Tahunan : 2018. <<https://drive.google.com/file/d/1kpGNKEsly5m2AciAxAhy9O7FKZCqDRJG/view>>. (diakses 7 September 2019).
- Pindyck, R. S. & D. L. Rubinfeld. 1992. *Microeconomics, Second Edition*. Macmillan Publishing Company. New York. 167p.
- Rahman, M. Z., & H. Mikuni. 1999. Farmers' attitudes towards sustainable agriculture issues and environmental quality in a selected area of Bangladesh. *American Journal of Alternative Agriculture* 14 : 22 – 29.
- Rahman, S. 2003. Environmental impacts of modern agricultural technology diffusion in Bangladesh: an analysis of farmers' perceptions and their determinants. *Journal of Environmental Management* 68(2) : 183–191. doi:10.1016/s0301-4797(03)00066-5
- Rodriguez, J., Molnar, J., Fazio, R., Sydnor, E., & Lowe, M. (2009). Barriers to adoption of sustainable agriculture practices: Change agent perspectives.

Renewable Agriculture and Food Systems, 24(1), 60-71.
doi:10.1017/S1742170508002421

- Rogers, E. M. 1971. Diffusion of Innovations, Third Edition. The Free Press. New York. 11p, 16p, 165p, 174p.
- Sari, D. P., R. F. Syafruddin, & M. Kadir. 2016. Penerapan prinsip-prinsip good agricultural practice (GAP) untuk pertanian berkelanjutan di Kecamatan Tinggi Moncong Kabupaten Gowa. *Jurnal Galung Tropika* 5(3) : 153 – 163.
- Setiawan, F. Inonu I., dan R. Sitorus. 2015. Implementasi GAP (Good Agriculture Practice) lada dan pengaruhnya terhadap produktivitas lada di Desa Petaling Banjar, Kecamatan Mendo Barat. *Envigro, Jurnal Pertanian dan Lingkungan* 8(2) : 72 – 82.
- Simamora, B. 2001. Panduan Riset Perilaku Konsumen. Gramedia, Jakarta.
- Siregar, S. 2011. Statistika Deskriptif untuk Penelitian. Rajawali Pers. Jakarta. 162p, 164p. 173p. 175p.
- Smith, B. & J. Smithers. 1993. Sustainable Agriculture: Interpretations, Analyses and Prospects. *Canadian Journal of Regional Science* 16 (3) : 499-524.
- Soekartawi. 1988. Prinsip Dasar Komunikasi Pertanian. Universitas Indonesia, Jakarta.
- Soekartawi. 2003. Agribisnis : Teori dan Aplikasinya. Grafindo, Jakarta.
- Sudalmi, E. S. 2010. Pembangunan pertanian berkelanjutan. *INNOFARM : Jurnal Inovasi Pertanian* 9 (2) : 15 – 28.
- Suek, J., S. Hartono, Irham, & L.R. Waluyati. 2017. Environmental Awareness in Mamar, a Small Scale Farmers' Traditional Agroforestry in Timor, Indonesia. *International Journal of Applied Environmental Sciences* 12 : 1261 – 1279.
- Suharni, L. R. Waluyati, dan Jamhari. 2017. The application of good agriculture practices (GAP) of shallot in Bantul Regency. *Agro Ekonomi* 28(1) : 48 – 63.
- Sulewski, P., A. Kłoczko-Gajewska, & W. Sroka. 2018. Relations between Agri-Environmental, Economic and Social Dimensions of Farms' Sustainability. *Sustainability* 10 : 4629.
- Supardi, I. 2003. Lingkungan Hidup dan Kelestariannya. Alumni. Bandung.
- Suwanmaneepong, S., P. Kullachai, & S. Fakhong. 2016. An Investigation of Factors Influencing the Implementation of GAP among Fruit Farmers in Rayong Province, Thailand. *International Journal of Agricultural Technology* 12(7.2) : 1745 – 1757.
- Sriyadi, E. Istiyanti, dan F. R. Fivintari. 2015. Evaluasi penerapan standard operating procedure-good agriculture practice (SOP-GAP) pada usahatani padi organik di Kabupaten Bantul. *Jurnal Agraris* 1(2) : 78 – 84.

- Syakir, M. & E. Karmawati. 2013. Tebu. <<http://www.litbang.pertanian.go.id/buku/bahan-bakar-nabati/tebu.pdf>>. (diakses 6 September 2019).
- Takala, M. 1991. Environmental Awareness and Human Activity. *International Journal of Psychology* 26 (5) : 585 – 597.
- Tangara, M. 1992. Family social structure, farm operation characteristics and the adoption of new technologies for sustainable farming systems in Mali. *Retrospective Theses and Dissertations*. 10348. <https://lib.dr.iastate.edu/rtd/10348>. (Diakses 5 September 2019).
- Teken. 1986. Aplikasi teknologi pertanian intensifikasi tanaman pangan dan pola usahatani. Biro Pusat Statistik. Jakarta.
- Thamrin, M., S. Herman, & F. Hanafi. 2012. Pengaruh faktor sosial ekonomi terhadap pendapatan petani. *Agrium* 17(2) : 85 – 94.
- Torres, M. A. O., Z. Kallas, S. I. O. Herrera. 2018. Analysis of farmers' stated risk and their perceptions toward climate change in northwest of Mexico. *Agronomy* 9 : 4.
- Van den Ban, A. W. & H. S. Hawkins. 1999. *Penyuluhan Pertanian*. Kanisius. Yogyakarta. 106p, 141 – 142p.
- Vanclay, F. (2004). Social principles for agricultural extension to assist in the promotion of natural resource management. *Australian Journal of Experimental Agriculture* 44(3) : 213. doi:10.1071/ea02139
- Wardani, A. N. T. 2018. Pengaruh Penerapan Good Agricultural Practice (GAP) terhadap Efisiensi Bawang Putih di Kabupaten Temanggung. Tesis. Universitas Gadjah Mada. Yogyakarta.