

DAFTAR PUSTAKA

- Adarkwah C., Anankware J. P., Obeng-Ofori D., Ulrichs C., and Scholler M. 2018. Insect Infestation and Quality Loss of Major Stored Products in Ghana. *Julius-Kühn-Archiv* No. 463. pp 972. Julius Kühn Institut, Bundesforschungsinstitut für Kulturpflanzen, Quedlinburg, Germany.
- Akbar, M.S., M. Aslam, M.R. Khalid, S. Iqbal, M. Luqman & M.Z. Majeed. 2019. Comparative Toxicity of Methanolic Extracts of Some Indigenous and Exotic Flowers against Subterranean Termites *Odontotermes obesus* (Isoptera: Termitidae). *Pakistan Journal of Agricultural Research*. Vol. 32 (4) : 636-641.
- Amin, M.R., S.M.A. Shafiullah, E. Mondal & T. Ahmed. 2017. Toxicity and Physiological Effects of Some Plant Extracts on Fruit Fly Infesting Ash Gourd. *SAARC J. Agri.* 15 (2) : 125-135.
- Anand, R. & B.P. Nair. 2017. Acid and Cardanol : Prospective Applications for Cancer Therapy, Drug Delivery, and Imaging. Springer Link. <https://link.springer.com/chapter>. (diakses 20 Juni 2019).
- Anders, G.V. & S.C. Glotzer. 2012. DNA Nanotechnology : The World's Smallest Assembly Line. *Nature Chemistry*. 4 : 79-80.
- Anonim. 1991. Petunjuk Pengawas Benih. Sub Direktorat Pengawasan Mutu dan Sertifikasi Benih, Direktorat Bina Produksi Padi dan Palawija, Direktorat Jenderal Pertanian Tanaman Pangan. Jakarta. 142 hal.
- , 1994. Methanol. Immediately Dangerous to Life and Health Concentrations (IDLH). *National Institute for Occupational Safety and Health (NIOSH)*. <https://www.cdc.gov/niosh/idlh/67561.html>. (diakses 1 Juni 2020).
- , 1998. Acetone MSDS. <https://hazard.com/msds/mf/baker/baker/files/>. (diakses 1 Juni 2020).
- , 1999. SIDS Initial Assessment Report: Acetone. Environmental Protection Agency. <https://web.archive.org/web/20140309040008/http://www.inchem> (diakses 1 Juni 2020).
- , 2003. The Emergency Response Safety and Health Database: Systematic Agent : Methanol. Centers for Disease Control and Prevention. <https://www.cdc.gov/niosh/ershdb/EmergencyResponseCard> . (diakses 2 Juni 2020).
- , 2007. <http://pascapanen.litbang.deptan.go.id> (diakses 2 Maret 2017).
- , 2008. The Emergency Response Safety and Health Database: Methanol. *NIOSH*. (diakses 2 Juni 2020).
- , 2010. Teknologi PTT pada Tanaman Jagung. Balai Pengkajian Teknologi Pertanian (BPTP) Sulawesi Selatan. <http://sulsel.litbang.deptan.go.id>. (diakses 27 Mei 2011).
- , 2011. Methanol Poisoning Overview. *Antizol*. <https://web.archive.org/web/> (diakses 2 Juni 2020).
- , 2015. Fodder Jagung Alternatif Pakan Hijauan.. <http://www.suksesternakkambing.com>. (diakses 27 Mei 2018).
- , 2016. Produksi Jagung Indonesia 2016 Diperkirakan Tertinggi di Asia Tenggara. <https://www.scribd.com/document/328381717/Berita-Jagung-2016>. (diakses 5 Mei 2017).
- , 2017. Data Produksi dan Kebutuhan Jagung 2016-2019. <http://gempitakarawang.blogspot.co.id>. (diakses 5 Mei 2017).
- , 2018. Basis Data Statistik Pertanian. Kementrian Pertanian RI. <https://aplikasi2.pertanian.go.id/bdsp2>. (diakses 26 Mei 2018).



- . 2019a. Acetone. Pocket Guide to Chemical Hazards. *NIOSH*.
<https://www.cdc.gov/niosh/npgl>. (diakses 2 Juni 2020).
- . 2019b. Methyl Alcohol. Pocket Guide to Chemical Hazards. *NIOSH*.
<https://www.cdc.gov/niosh/npgl/npgd0397.html>. (diakses 2 Juni 2020).
- . 2019c. Best Management Practices - Chapter 6 : Corn Seed Testing.
<https://extension.sdstate.edu/sites/default/files/2019-09/S-0003-06-Corn.pdf>. (diakses 4 Juni 2020).
- AOSA. 1983. *Seed Vigor Testing Handbook*. Prepared by The Association of Official Seed Analysts. Contribution No. 12. 80 p.
- Arief, R., Mursalim, Zakaria B. & Saenong S. 2010. Analisis Hubungan Mutu Benih Jagung dengan Produktivitas. *Penelitian Pertanian Tanaman Pangan*. 29 (2).
- Arpi, N., Fahrizal, Satriana, S. Edward. 2016. Extraction and Properties of Gelatin from Spotted Oceanic Triggerfish (*Canthidermis maculata*) Skin and Bone. *IJASEIT*. Vol.6 (5) : 561-567.
- Astuti L.P., Yahya S.M., and Hadi M.S.. 2019. Susceptibility of Six Corn Varieties (*Zea mays* L.) to *Sitophilus zeamais* Motschulsky (Coleoptera: Curculionidae). *International Journal of Plant Biology* Vol. 10 : 7441.
- Astriani, D. 2010. Pemanfaatan Gulma Babadotan dan Tembelean dalam Pengendalian *Sitophilus* spp. pada Benih Jagung. *Jurnal Agrisains* Vol.1 (1) : 56-67.
- Astriani, D. & W. Dinarto. 2010a. Pemanfaatan Ekstrak Kulit Biji Mete (CNSL) sebagai Pestisida Nabati dalam Pengelolaan Bubidaya Kacang Tanah. Universitas Mercu Buana Yogyakarta (Laporan Penelitian).
- . 2010b. Uji Toksisitas Beberapa Gulma sebagai Pestisida Nabati Hama Bubuk pada Penyimpanan Benih Jagung. *Jurnal Agrisains* Vol. 1 (2) : 54-64.
- Astriani, D., W. Dinarto & W. Mildaryani. 2014. Pengaruh Penyimpanan CNSL sebagai Bahan Biopestisida *Seed Treatment* Jagung terhadap Toksisitasnya pada Hama Kumbang Bubuk. *Prosiding Seminar Nasional Pembangunan Pertanian Terpadu Berkelanjutan untuk Mewujudkan Kedaulatan Pangan dan Energi dalam Menyongsong Era Asia*. Hal 175-183.
- . 2017. Effect of Extraction Method of CNSL Production and Its Toxicity as Botanical Pesticides to Maize Weevil of Corn Seed Storage. *Proceeding The-3rd International Conference on Green-Agroindustry*. UPN "Veteran" Yogyakarta.
- Astriani, D., W. Dinarto & A. Jatmiko. 2020. CNSL Concentration and Natural Dyes Effects in Formulation of Botanical Pesticide on *Sitophilus zeamais* and Maize Seed Quality. *SEAS*. Vol. 04 (01) : 1-9.
- Atmadja, W.R. & T.E. Wahyono. 2009. Pengaruh *Cashew Nut Shell Liquid* (CNSL) terhadap Mortalitas *Helopeltis antonii* Sign pada Bibit Jambu Mete. <http://balittro.litbang.deptan.go.id>. (diakses 30 November 2009).
- Bergeson, L.L. 2016. Nanosilver : US EPA's Pesticide Office Considers How Best to Proceed. *Environmental Quality Management*, 19 : 79-85.
- Bett, P.K., A.L. Deng, J.O. Ogendo, S.T. Kariuki, M.K. Mugisha, J.M. Mihale, & B. Torto. 2017. Residual Contact Toxicity and Repellence of *Cupressus lusitanica* Miller and *Eucalyptus saligna* Smith Essential Oils against Major Stored Product Insect Pests. *Industrial Crops & Products*. www.elsevier.com/locate/indcrop. (diakses 20 Februari 2018).
- Bosomtwe A., Osekre E.A., Opit G.P., Mbata G.N., Armstrong P.R., Arthur F.H., Campbell J.F., and Nsiah E.P. 2018. Evaluation of Plastic and Steel Bins

- for Protection of Stored Maize Against Insect Infestation in Ghana. Julius-Kühn-Archiv No.463 : 968-972.
- Buxton, T., Shiori Takahashi, Ippei Niwata, Ebenezer Oduro Owusu and Chul-Sa Kim. 2017. Isolation and characterization of the insecticidal compounds in *Anacardium Occidentale* (cashew nut) shell liquid against the rice weevil, *Sitophilus oryzae* L. (Coleoptera: Curculionidae). *Journal of Entomology and Zoology Studies*. 5 (2) : 1241-1246.
- CABI. 2020. Invasive Species Compendium-*Sitophilus zeamais* (greater grain weevil). <https://www.cabi.org/isc/datasheet/10926>. (diakses 10 Desember 2020)
- Cahyaningrum, A., T. Setyowati & A. Nur. 2006. Ekstraksi *Cashew Nut Shell Liquid* (CNSL) dari Kulit Biji Mete. *Ekulilibrium* V(1) : 40 – 45.
- Carvajal MXQ, Diaz BHC, Torres LSM, Perez JJC, Beltran LA, paricio AJ, Lopez GFG. 2010. Nanoencapsulation: a new trend in food engineering processing. *Food Eng Rev*. 2:39-50. Doi: 10.1007/s12393-009-9012-6. (diakses 1 Juni 2020).
- Çetin, H. & F.N. Elma. 2017. Effects of Some Plant Extracts on Adults of Cowpea Weevil [*Callosobruchus Maculatus* F. (Coleoptera: Chrysomelidae)]. Research Article. *Harran Tarım ve Gıda Bilimleri Dergisi* 21(4): 404-411. (diakses 1 Juni 2020).
- Croplife. 2020. Insecticide Mode of Action Table. <https://www.croplife.org.au/wp-content/uploads/2020/06/2020> (diakses 10 November 2020)
- Delate K., Andrea McKern, and Bob Burcham. 2006. Organic Corn Seed Coat Treatments–Neely-Kinyon Trial. Departments of Horticulture and Agronomy. <http://extension.agron.iastate.edu/organicag/researchreports>. (diakses 26 Mei 2018).
- Demba S.N., Diome T., and Sembene M. 2019. Variability and Genetic Structuring of *Sitophilus zeamais* According to Agroecological Zones in Senegal (West of Africa). *South Asian J Exp Biol*. 9 (2) : 56-63.
- Devi, S.R., A.Thomas, K.B. Rebijith, V.V. Ramamurthy. 2017. Biology, Morphology and Molecular Characterization of *Sitophilus oryzae* and *S. zeamais* (Coleoptera: Curculionidae). *Journal of Stored Products Research* 73 : 135-141.
- Dinarto, W. & D. Astriani. 2005. Pengendalian *Sitophilus* spp. dengan Lada dan Cabai Rawit dalam Usaha Mempertahankan Viabilitas Benih Jagung dalam Penyimpanan. *Prosiding Seminar Ilmiah Komunikasi Hasil Penelitian Pertanian Berkelanjutan Berbasis Penerapan Prinsip-Prinsip Hayati*. Hal : 168-156.
- . 2008a. Usaha Mempertahankan Viabilitas Benih Kedelai dari Serangan *Callosobruchus* spp. dengan Bubuk Biji Lada Selama dalam Penyimpanan. *Prosiding Seminar Nasional Pengembangan Kacang-kacangan dan Ubi-umbian* - Kerjasama Balitkabi - Fakultas Pertanian UNS-BPTP Jateng.
- . 2008b. Pengaruh Wadah Penyimpanan dan Kadar Air terhadap Kualitas Benih Jagung dan Populasi Hama Kumbang Bubuk (*Sitophilus zeamais* Motsch). *Prosiding Seminar Nasional dan Workshop Perbenihan dan Kelembagaan*. Fakultas Pertanian UPN "Veteran" Yogyakarta. Hal III (74 – 80).
- Ditjenbun. 2020. Kementan : Kolaborasi Mete dan Porang Bikin Untung Petani. <http://ditjenbun.pertanian.go.id/>. (diakses 5 Januari 2021).
- Elias, S.G., L.O. Copeland, M.B. Mc Donald, & R.Z. Baalbaki. 2012. *Seed Testing Principles and Practices*. Michigan State University Press. 354 pp.



- Fiedler, E., G. Grossmann, D.B. Kersebohm, G. Weiss, & C. Witte. 2005. *Methanol. Ullmann's Encyclopedia of Industrial Chemistry*. Weinheim: Wiley-VCH. doi:10.1002/14356007.a16_465. ISBN 978-3527306732.
- Flores, A.E., G.P. Garcia, & M.H. Badii. 2004. Effect of Sublethal Concentration of Vectobac on Biological Parameters of *Aedes aegypti*. *J. Am. Mosc. Control. Assoc.* 4 : 412-417.
- Garkal, D.J. 2014. Review on Extraction and Isolation of Cashew Nut Shell Liquid". *Ijert.* 1(1) : 1-8.
- Germinara, G.S., M.G. De Stefano, L. De Acutis, S. Pati, S. Delfine, A. De Cristofaro, and G. Rotundo. 2017. Bioactivities of *Lavandula angustifolia* Essential Oil Against the Stored Grain Pest *Sitophilus granarius*. *Bulletin of Insectology* 70 (1) : 129-138.
- Ghafoor, H.A., M. Afzal, M.A. Riaz & M.Z. Majeed. 2019. *In-vitro* Toxicity Evaluation of some Phytoextracts against Mealybug *Drosicha mangiferae* (Hemiptera: Pseudococcidae) Infesting Citrus Orchards in Pakistan. *Pakistan J. Zool.*, vol. 51(5) : 1815-1822.
- Grainge, M. & S. Ahmed. 1988. *Handbook of Plants with Pest-Control Properties*. John Wiley & Sons. Inc. Canada. 470 p.
- Guedes, N.M.P., R.N.C. Guedes, J.F. Campbell, & J.E. Throne, 2010. Contest Behaviour of Maize Weevil Larvae when Competing Within Seeds. *Animal Behaviour.* 79 : 281–289. Elsevier.
- Gvozdenac S., Tanasković S., Ovuka J., Vukajlović F., Čanak P., Prvulović D., and Sedlar A. 2019. Low Temperature Tolerance of *Plodia interpunctella*, *Sitophilus oryzae* and *Sitophilus zeamais* - The Prevalent Pests of Stored Maize in Serbia. *Acta Agriculturae Serbica* Vol. XXIV (48). pp. 143-1551.
- Haile A. and Ahmad T. 2019. Survey on Storage Method, Insect Pest and Loss Assessment of Stored Grains in Anseba Region, Eritrea. *International Journal of Plant Protection* Vol. 12. Issue 2 : 110-118.
- Harlita, Probosari, M. Riezky, and Fatmawati, 2010. Hubungan Kadar Hormon Estradiol dan Reseptor Estradiol 17 β dengan Tebal Endometrium Tikus Albino: Aktifitas Rodentisida Ekstrak Kulit Biji Mete (*Anacardium occidentale* L.). (diakses 20 Agustus 2020).
- Henderson, S.T. 2008. Ketone Bodies as A Therapeutic for Alzheimer's Disease. *Neurotherapeutics.* 5 (3): 470–480.
- Hendrival & E. Mayasari. 2017. Kerentanan dan Kerusakan Beras terhadap Serangan Hama Pascapanen *Sitophilus zeamais* L. (Coleoptera: Curculionidae). *Jurnal Agro* IV (2) : 68-79.
- Iqbal J, Nawaz A., Nadeem M., Islam T., Shahzad M.F., and Begum H.A. 2018. Evaluation of Qualitative Losses of Maize Genotypes to *Sitophilus zeamais* (Motsch) (Coleoptera: Curculionidae) and Its Response to Plant Extracts Under Laboratory Condition. *Pakistan Journal of Agricultural Sciences* Vol. 55 (1). pp 57-61. University of Agriculture, Faisalabad, Pakistan.
- Iqbal, M., A.R.Khan, M.Panhwar, M.Rafique, K. Mahmood, M. Qasim, & N.I. Jajja. 2017. Residual Toxicity of Synthetic and Bio-Insecticides Sprayed on Okra Against Whitefly (*Bemisia tabaci* [Genn.]). *Sindh University Research Journal (Science Series)* 49 (3) : 575-580.
- IRAC. 2019. Insecticide Mode of Action. irac-online.org/documents/tutorial-on-moa-mechanisms. (diakses 10 November 2020),
- Isaskar, R., A.Wahib & Resty Afriana, 2010. Analisis Preferensi Petani Jagung terhadap Insektisida Seed Treatment. *AGRISE*, Vol. X (3). ISSN: 1412 – 1425. <http://rosihan.web.id>. (diakses 10 November 2020),



- Iskandar, M. 2002. Propek CNSL (*Cashew Nut Shell Liquid*) sebagai Bahan Baku Industri Insektisida Nabati. *Perkembangan Teknologi Tanaman Rempah dan Obat* 14 (2).
- Kardinan, A. 2002. *Pestisida Nabati Ramuan dan Aplikasi*. P.T. Penebar Swadaya. Jakarta. 88 hal.
- Kataren, S. 1986. *Pengantar Teknologi Minyak dan Lemak Pangan*. UI press. Jakarta.
- Keba, T & W. Sori. (2013). Differential Resistance of Maize Varieties to Maize Weevil (*Sitophilus zeamais* Motschulsky) (Coleoptera: Curculionidae) under Laboratory Conditions. *Journal of Entomology*. 10 (1) : 1-12.
- Koeslag, J.H., P.T.Saunders, & E.Terblanche. 2003. Topical Review: A Reappraisal of Blood Glucose Homeostat which Comprehensively Explains the Type 2 Diabetes Mellitus/Syndrome X Complex. *Journal of Physiology*. 549 (Pt 2): 333–346. doi:10.1113/jphysiol.2002.037895. PMC 2342944. PMID 12717005. (diakses 1 Juni 2020).
- Kosini, D., E.N.Nukenine, C.Saidou, A.T.Tchinda, & G.A. Agbor, 2017. Effects of Bioactive Extracts of *Ocimum canum* (Lamiaceae) on *Callosobruchus maculatus* (Coleoptera: Chrysomelidae) in Stored Cowpea and Soybean. *Acta Entomologica Sinica*. 60 (12) : 1420-1429.
- Kumar, P.P., R.Paramashivappa, P.J.Vithayathil, P.V.S.Rao, A.S.Rao. 2002. Process for Isolation of Cardanol from Technical Cashew (*Anacardium occidentale* L.) Nut Shell Liquid. *J Agric Food Chem* 50 : 4705-4708.
- Kusrini, D. & M. Ismardiyanto. 2003. Asam Anakardat dari Kulit Biji Jambu Mete (*Anacardium occidentale* L.) yang Mempunyai Aktivitas Sitotoksik. *J. Kim. Sains and Apl*. VI (1) : 4-6.
- Lekha, M., M. H. Faizal and N. Anitha. 2020. Insecticidal activity of cashew nut shell liquid against sucking pests of cowpea, *Vigna unguiculata* subsp. *sesquipedalis* (L.) Verdc. *Entomon* 45 (2) : 107-114. <https://doi.org/10.33307/entomon>.(diakses 9 Desember 2020).
- Lide, D.R. 2003. *CRC Handbook of Chemistry and Physics*, 84th Edition. CRC Press. Boca Raton, Florida. Section 3, Physical Constants of Organic Compounds.
- Mahapatro. 2011. Insecticidal Activity of Cashew Nut Shell Liquid Against Two Lepidopteran Pests. <https://www.researchgate.net/publication>. (diakses 15 Mei 2017).
- Manaf, S, S.Sastrodihardjo, S.Soedigdo & S.Soetarno. 1994. Studi Aktivitas Asam Anakardat Tak Jenuh terhadap Beberapa Aspek Potensi Reproduksi Serangga *Martianus demestiodes*. *Prosiding Seminar Hasil Penelitian dalam Rangka Pemanfaatan Pestisida Nabati. Badan Penelitian dan Pengembangan Pertanian Tanaman Rempah dan Obat*. Bogor. Hal 91-100.
- Manueke, J., M.Tulung & J.M.E. Mamahit. 2015. Biologi *Sitophilus oryzae* Dan *Sitophilus zeamais* (Coleoptera; Curculionidae) Pada Beras dan Jagung Pipilan. *Eugenia* XXI (1) : 20-31.
- Martono, E. 1993. Pengembangan Penelitian Pestisida Nabati di Fakultas Pertanian Universitas Gadjah Mada Yogyakarta. *Prosiding Seminar Hasil Penelitian dan Rangka Pemanfaatan Pestisida Nabati* : 248-251. Badan Penelitian dan Pengembangan Pertanian Balai Penelitian Tanaman Rempah dan Obat. Bogor.
- Mc Clements, D.J. 2012. Nanoemulsions Versus Microemulsions : Terminology, Differences and Similarities. *Soft Matter* 8 : 1719-1729.
- Mc Gee, H. 2001. *Advances In Seed Treatment Technology*. Iowa University. USA. <http://www.greenseeds.com>. (diakses 9 Oktober 2010).



- Mondal, P., M.M.Uddin, & M.T.H.Howlader. 2018. Determination of Toxicity of Spinosad Against the Pulse Beetle, *Callosobruchus chinensis* L. *J Bangladesh Agril Univ* 16(3) : 411–416.
- Mukhopadhyaya, A.K.H., W.Tamizharasua & P.S. Babua. 2010. Larvicidal Properties of Cashew Nut Shell Liquid (*Anacardium occidentale* L) on Immature Stages of Two Mosquito Species. *J Vector Borne Dis.* 47 : 257–260.
- Narciso, J.O.A., R.A. de Araujo Soares, J.R.Dos Santos Mallet, AE.Gumaraes, M.C. de Oliveira Chaves, J.M. Barbosa-Filho & M. Maleck. 2014. Burchelin : Study of Bioactivity Against *Aedes aegypti* Parasitic and Vectors. 7 : 172-180.
- Natawigena, W.D. 2000. Beberapa Kendala dalam Memproduksi Pestisida Nabati. *Prosiding Seminar Nasional PHT Promo.* 2000. Fakultas Pertanian UNPAD . abumutsanna.files.wordpress.com/2008/09. (diakses 19 Maret 2018).
- Noveriza R., M.Mariana, & S.Yuliani. 2017. The Efficacy of Nanoemulsion Formulation of Citronella Oil Against Potyvirus Causing Mosaic Disease On Patchouli. *Bul. Littro.* Vol. 28 (1).
- Novizan, 2004. *Kiat Mengatasi Permasalahan Praktis - Membuat dan Memanfaatkan Pestisida Ramah Lingkungan.* Agro Media Pustaka. Jakarta. 94 hal.
- Nuryanti, N.S.P., Dadang, E. Martono, E.S.Ratna. 2017. Pengembangan Formulasi Insektisida Nabati Untuk Pengendalian Wereng Batang Cokelat (WBC) (*Nilaparvata lugens* Stal.) Thesis Fakultas Pertanian, Institut Pertanian Bogor (IPB).
- Ojo, J. A. and A. A. Omoloye,. 2016. Development and Life History of *Sitophilus zeamais* (Coleoptera: Curculionidae) on Cereal Crops. Hindawi Publishing Corporation. *Advances in Agriculture.* Vol. 2016, Article ID 7836379, 8 pages. <http://dx.doi.org/10.1155/2016/7836379> (diakses 10-12-2020).
- Paneru, R.B. and R.B.Thapa, 2017. Screening of Promising Maize Genotypes Against Maize Weevil (*Sitophilus zeamais* Motschulsky) in Storage Condition. *Journal of Maize Research and Development.* 3 (1) : 108-119.
- Paneru R.B., Thapa R.B., Sharma P.N., Sherchan D.P., and Gc Y.D. 2018. Bionomics and Management of Maize Weevil, *Sitophilus zeamais* Motschulsky. *Journal of the Plant Protection Society* 5 : 1-19. Plant Protection Society Nepal, Lalitpur, Nepal.
- Paramashivappa, R, P.P.Kumar, P.J. Vithayathil & A.S.Rao. 2001. Novel Method for Isolation of Major Phenolic Constituents from Cashew (*Anacardium occidentale* L.) Nut Shell Liquid. *J. Agric Food Chem.* 49 (5) : 2548-2551.
- Park, M., D.Upton, M.Blackmon, V.Dixon, S.Craver, D.Neal, & D.Perkins. 2018. Anacardic Acid Inhibits Pancreatic Cancer Cell Growth, and Potentiates Chemotherapeutic Effect by Chmp1A -ATM-p53 Signaling Pathway. *BMC Complementary and Alternative Medicine* 18 : 71 <https://doi.org>. (diakses 31 Juli 2020).
- Poole, Robert W., and Patricia Gentili. 1996. A Check List of the Insects of North America : Coleoptera, Strepsiptera. *Nomina Insecta Nearctica* vol. 1. Entomological Information Services. pp. 14-820. <https://www.itis.gov/servlet/SingleRpt>. (diakses 31 Juli 2020).
- Pratiknya, A.W. 2003. *Dasar Dasar Metodologi Penelitian Kedokteran dan Kesehatan.* Jakarta. P.T. Grafindo Persada.
- Priono, D. 2008. *Insektisida Nabati-Prinsip, Pemanfaatan dan Pengembangan.* Departemen Proteksi Tanaman Institut Pertanian Bogor. 163 hal.



- Rani, P.U., K. P.Laxmi, V.Vadlapudi, & B.Sreedhar. Phytofabrication of Silver Nanoparticles Using the Mangrove Associate, *Hibiscus tiliaceus* Plant and Its Biological Activity Against Certain Insect and Microbial Pests. *Journal of Biopesticides* Vol. 9 (2) : 167-179.
- Risfaheri, T.T. Irawadi, M.A. Nur, I. Sailah, Z.A. Mas'ud, & M.S. Rusli. 2004. Pemisahan Kardanol dari Minyak Kulit Biji Mete dengan Metode Destilasi Vakum. *J. Pascapanen* (1) : 1-11.
- Risfaheri, T.T. Irawadi, M.A Nur, I. Sailah, Z.A. Mas'ud, & M.S. Rusli. 2005. Optimasi Komposisi Kardanol dari Minyak Kulit Mete sebagai Substitusi Fenol dalam Formulasi Perekat Fenol Formaldehida. *J.Pascapanen* 2 (1) : 24-33.
- Romani, R., S.Bedini, G.Salerno, R. Ascrizzi, G. Flamini, M.C. Echeverria, P. Farina, & B. Conti. 2019. Andean Flora as A Source of New Repellents Against Insect Pests: Behavioral, Morphological and Electrophysiological Studies on *Sitophilus zeamais* (Coleoptera: Curculionidae). *Insects*, Vol. 10 (6) : 171-171.
- Saenong, M.S. 2005. Kajian Akses Makan Serangga Hama Kumbang Bubuk *Sitophilus zeamais* Motsch pada Beberapa Varietas Jagung dan Upaya Pengelolaannya. Prosiding Seminar Nasional Jagung. Hal : 599-609.
- . 2009. Kajian Aspek Tingkah Laku Serangga Hama Kumbang Bubuk *Sitophilus zeamais* di Laboratorium. *Prosiding Seminar Nasional Serealia*. Hal : 344-357.
- Saenong S, M. Azrai, A.Ramlan & Rahmawati. 2007. *Pengelolaan Benih Jagung*. Balai Penelitian Tanaman Serealia. Maros.
- Sharma, A., S.Kumar & P. Tripathi. 2015. Impact of *Achyranthes Aspera* Leaf and Stem Extract on the Survival, Morphology and Behavior of Indian Strain of Dengue Vector *Aedes aegypti*. *JMR*. 5(7) : 1-9
- Simpen, I.N. 2008. Isolasi Cashew Nut Shell Liquid dari Kulit Biji Mete (*Anacardium occidentale* L) dan Kajian Beberapa Sifat Fisiko-Kimianya. *Ejournal Universitas Udayana*. <http://ejournal.unud.ac.id/new>. (diakses 29 Mei 2011).
- Sinaga, Rahmat. 2014. Metabolit Sekunder. <https://rahmatsinaga10.wordpress.com> (diakses 10 Desember 2020).
- Sodedji F.A.K., Kwemoi D.B., Kasozi C.L., Asea G., and Kyamanywa S. 2018. Genetic Analysis for Resistance to *Sitophilus zeamais* (Motschulsky) Among Provitamin-A Maize Germplasm. *Maydica Maydica* Vol. 63 (2). Open Access. Istituto Sperimentale per la Cerealicoltura, Bergamo, Italy.
- Sofyana, M., D.Supardan, Zuhra, C.A.Maulida, U.Haura, 2013. Ultrasound Assisted Extraction of Oleoresin from Nutmeg (*Myristia Fragrans* Houtt). *IJASEIT*. Vol.3 (4) : 18-21.
- Stasiuk, Maria. 2011. Bioactive Compounds from *Anacardium occidentale* Cashew Nut Shell Liquid. University of Wroclaw. <https://www.researchgate.net/publication> (diakses 1 Desember 2020)
- Stejskal, R. Aulicky & Z. Kucerovala. 2014. Pest Control Strategies and Damage Potential of Seed-Infesting Pests in the Czech Stores – a Review. *Plant Protect. Sci*. 50 (4): 165–173.
- Struhl, Kevin. 1998 Histone Acetylation and Transcriptional Regulatory Mechanisms. *Genes & Development* 12 : 599–606. Cold Spring Harbor Laboratory Press
- Sumangat, D., A. Supriatna, S.Yuliani. 2007. *Rekayasa Teknologi Ekstraksi CNSL Sistem Penggorengan Kontinyu*. Balai Penelitian Tanaman Rempah dan Obat.



- Sun Q., Wang J.H., and Sun B.Q. 2007. Advances on Seed Vigor Physiological and Genetic Mechanisms. *Agricultural Sciences in China*. Vol. 6, Issue 9 : 1060-1066
- Surtikanti. 2004. Kumbang Bubuk *Sitophilus zeamays* Motsch. *Jurnal Litbang Pertanian*. 23 (4): 123 – 128.
- Surtikanti & O.Suherman. 2003. Reaksi 52 Galur/Varietas Jagung Terhadap Serangan Kumbang Bubuk. *Berita Pusat Penelitian dan Pengembangan Pertanian Tanaman Pangan*. 26: 3-4.
- Taban, A., M.J.Saharkhiz, & M.Hooshmandi. 2017. Insecticidal and Repellent Activity of Three *Satureja* Species against Adult Red Flour Beetles, *Tribolium castaneum* (Coleoptera: Tenebrionidae). *Acta Ecologica Sinica* 37: 201-206. www.elsevier.com/locate/chnaes. (diakses 20 Februari 2018).
- Tae Joung Ha and Isao Kubo. 2005. Lipoxygenase Inhibitory Activity of Anacardic Acids. *J. Agric. Food Chem.* 53 : 4350-4354.
- Talwana H., Masiko M., Dramani S., and Edimu F. 2018. Abundance and Diversity of Arthropod Pests Infesting Stored Maize in Smallholder Farmers and Traders Systems Highlight Critical Points for Pest Management in Uganda. *Julius-Kühn-Archiv* No.463 : 941-944. Julius Kühn Institut, Bundesforschungsinstitut für Kulturpflanzen, Quedlinburg, Germany.
- Thanavendan, G., S.Jeyarani & J.S. Kennedy, 2017. Safety of Selected Botanical and Synthetic Insecticides Against Braconid Parasitoids of Vegetable Ecosystems. *International Journal of Plant Protection*. Vol 10 (1) : 174-180.
- Towaha, J. & N.R. Ahmadi. 2011. Pemanfaatan *Cashew Nut Shell Liquid* sebagai Sumber Fenol Alami pada Industri. *Buletin RISTRI* 2 (2) : 187-198.
- Trethewey, Richard N. & Krotzky, Arno J. 2007. Metabolic Profiling : Application in Plant Science. In *The Handbook of Metabonomics and Metabolomics*. pp. 443-487
- Untung, K. 1993. *Pengantar Pengelolaan Hama Terpadu*. Gadjah Mada University Press. Yogyakarta. 273 hal.
- Vale, A. 2007. Methanol. *Medicine*. 35 (12):633–4. doi:10.1016/j.mpmed. (diakses 18 Mei 2020).
- Wahyuni, L. 2000. *Mempelajari Pengaruh Suhu, Waktu dan Tekanan Pengempaan Terhadap Rendemen dan Mutu Minyak Kulit Biji Mete*. ITB. Bogor.
- Wahyuningsih, S., 2000. *Ekstraksi Minyak Kulit Biji Mete Menggunakan Metode Pengempaan Suhu Panas*. ITB. Bogor.
- Warsono, L.B., W.Atmaka & B.S. Amanto. 2013. Ekstraksi *Cashew Nut Shell Liquid* (CNSL) dari Kulit Biji Mete dengan Menggunakan Metode Pengepresan. *Jurnal Teknosains Pangan* II (2) : 84-92.
- Yan, D., L.Duermeyer, C.Leoveanu & E. Nambur. 2014. The Functions of the Endosperm During Seed Germination. *Plant Cell Physiol.* 55 (9) : 1521–1533.
- Yuliani, S.H., M.Hartini, Stephanie, B.Pudyastuti, E.P. Istyastono. 2016. Comparison of Physical Stability Properties of Pomegranate Seed Oil Nanoemulsion Dosage Forms With Long-Chain Triglyceride and Medium-Chain Triglyceride as the Oil Phase. *Trad. Med. J.* 21(2) : 93-98.