DAFTAR PUSTAKA

Aguiero, V.M., R.D. Daquioag, & K.C. Ling. 1982. Effect of age or ragged stunt virus (RRSV) source on transmission. Abstract of papers. *Phil. Phytopathol.* 18:11

Ahmed, A.S., & N. Tissera. 2001. Plant Virology: Rice tungro disease. Institute for Plant Biology, Section for Plant Pathology. The Royal Veterinary and Agricultural University. http://www.dias.kvl.dk/plantvirology/rtdvforweb. htm [diakses 20 Maret 2003]

Anjaneyulu, A., V.M. Aguiero, M.E. Mesina, H. Hibino, R.T. Lubigan, & K. Moody. 1988. Host plant of rice grassy stunt virus (GSV). *Intern. Rice Res. Newsl*. 13:4

Anjaneyulu, A., V.D. Shukla, G.M. Rao, & S.K. Singh. 1982. Experimental host range of rice tungro virus and its vectors. *Plant Dis.* 66:54-56

Azzam, O., T. Imbe, R. Ikeda, P.D. Nath, & E. Coloquio. 2001. Inheritance of resistance to Rice tungro spherical virus in a near-isogenic line derived from Utri Merah and in rice cultivar TKM6. *Euphytica* 122:91-97

Baehaki, S.E. 1999. Strategi pengendalian hama wereng coklat. *Prosiding Hasil Penelitian Teknologi Tepat Guna mendukung Gema Palagung*. p54-63.

Baehaki, S.E. 2008a. Brown planthopper development and biotype changes on resistant rice varieties in Indonesia. *Appendix in preparing data for the International BPH Conference*. Manila (Philippines): International Rice Research Institute. 7 p.

Baehaki, S.E. 2008b. Perubahan wereng cokelat mencapai biotipe 4 di beberapa daerah sentra produksi padi. *Prosiding Simposium PEI Cabang Bogor*. 18-20 Maret 2008.

Baehaki, S.E., S. Hendarsih, N. Widiarta, Sudarmadji, S.K. Triny, & Sudir. 1999. Antisipasi dan pengelolaan hama penyakit utama tanaman padi. *Prosiding Hasil Penelitian Teknologi Tepat Guna mendukung Gema Palagung.* p5-41.

Baehaki, S.E. & D. Munawar. 2009. Identifikasi biotipe wereng coklat di Jawa, Sumatra, dan Sulawesi dan reaksi ketahanan kultivar padi. *Prosiding Seminar Apresiasi Hasil Penelittian Padi Menunjang P2BN.* Buku 1. Balai Besar Penelitian Tanaman Padi. p 351-366.

Baehaki, S.E. 2010. Ledakan wereng coklat dan virus kerdil mengancam produksi padi nasional. http://pangan.litbang.deptan.go.id/berita/ledakan-wereng-coklat-danvirus-kerdil-mengancam-peningkatan-produksi-padi-nasional [diakses 25 Agustus 2010]

Baehaki, S.E.. & I.M.J. Mejaya. 2014. Wereng coklat sebagai hama global bernilai ekonomi tinggi dan strategi pengendaliannya. *Iptek Tanaman Pangan* 9:1-12

Baehaki, S.E. & A. Rifki. 2002. Daya kompetisi wereng coklat dengan wereng punggung putih pada relung ekologi yang sama. *Penelitian Pertanian Tanaman Pangan* 21:41-53

Baehaki, S.E. & IN. Widiarta. 2009. Hama Wereng dan Cara Pengendaliannya. *Dalam:* Daradjat AA., Setyono A., Makarim AK., dan Hasanuddin A. (Eds.). Padi*: Inovasi Teknologi Produksi.* Buku 2. Balai Besar Penelitian Tanaman Padi. Jakarta: LIPI Press. p 347-404

Baehaki, S.E. & A. Kartohardjono. 2005. Penilaian penurunan hasil berdasar skor kerusakan akibat wereng coklat dan wereng punggung putih. *Prosiding Seminar Nasional dan Kongres Biologi III*. Yogyakarta. P. 351-357.

[BBPADI] Balai Besar Penelitian Tanaman Padi. 2006. *Direktori Padi Indonesia.* BBPADI. Badan Penelitian dan Pengembangan Pertanian. 360 hal.

Bos, L. 1990. *Pengantar Virologi Tumbuhan.* Gadjah Mada University Press. Yogyakarta. 216h

Brown, 1997. Survival and Dispersal of Plant Parasites: General Concept. In: J.F. Brown and H.J. Ogle (Eds). *Plant Pathogens and Plant Diseases*. Australaian Plant Pathol. Soc. Armidale.

Cabauatan, P.O. & H. Hibino. 1985. Transmission of rice tungro bacilliform and spherical viruses by Nephotettix virescens (Distant). *Phil. Phytopathol*. 21:103-110

Cabauatan, P.Q., H. Hibino, D.B. Lapis, T. Omura, & T. Tsuchizaki. 1985. *Rice grassy stunt virus 2: a new strain of grassy stunt in the Philippines*. IRRI Research Paper Series 106. IRRI Los Banos, Philippines. 8p

Cabauatan, P.Q., R.C. Cabunagan, & I.R. Choi. 2009. Rice viruses transmitted by the brown planthopper Nilaparvata lugens Stal. In: Heong K. And Hardy B. *Proc. Planthopper- New Threat to the Sustainability on Intensive Rice Production System in Asia.* International Rice Research Institute, Los Banos Philippines. P357-368

Cabunagan, R.C. & I.R. Choi. 2010. Trip Report Survey for rice virus diseases in Western and Centtral Java. http://ricehoppers.net/wp-content/uploads/2010/07/Trip-report-Viruses-in-Indonesia-Choi-Cabunagan2.pdf. [diakses 19 Maret 2011].

Cabunagan, R.C., I.R. Choi, & M. Muhsin. 2010. Brown planthopper and virus disease outbreaks in Central Java Province, Indonesia. http://ricehoppers.net/2010/08/brown-planthopper-and-virus-disease-outbreaks-in-central-java-province-indonesia/ [diakses 15 April 2011].

Calvino, L.F., D.L. Abella, & J.J.L. Moya. 2007. Integrated management of insect borne viruses by means of transmission interference as an alternative to pesticides. *In:*Ciancio A. and Mukerji KG. (Eds.). *General Concepts in Integrated Pest and Disease Management.* Springer. P.269-293

Cambell, C.L., W.R. Jacobi, N.T. Powell, & C.E. Main. 1984. Analysis of Diseases Progression and the Randomness of Occurence of Infected Plants During Tobacco Black Shank Epidemics. *Phytopathol.* 74:230-235.

Chen, C.C. & R.J. Chiu. 1982. Three symptomatologyc type of rice virus diseases related to grassy stunt in Taiwan. *Plant Dis.* 66:15-18.

Chen, F.J., J.F. Zhang, Z.E. Xia, Z.X. Lu, & X.P. Yu. 2006a. Morphological observation on the yeastlike endosymbiotes in brown planthopper. Nilaparvata lugens. *Acta Zootaxon. Sin.* 31:55-62.

Chen, F.J., J.F. Zhang, Y.Q. Zhou, G.Y. Ye, Z.X. Lu, & X.P. Yu. 2006b. Individual size and abundance of the yeast-like endosymbiote in different geographic populations of brown planthopper. Nilaparvata lugens. *Chinese Bull. Entomol*. 43:460-465.

Chen, Y.H. 2009. Variation in planthopper-rice interactions: possible interactions among three species?. Pp 315-326 IN Heong KL. Hardy B. (eds). 2009. *Planthoppers: new threats to the sustainability of intensive rice production systems in Asia.* Los Baños (Philippines): International Rice Research Institute.

Chiengwattana, N. 2010. BPH and virus diseases spread to Chainat and Suphan Buri provinces http:// ricehoppers.net/reports-from-the-field/bph-and-virusdiseases-spread-to-chainatand-suphan-buriprovinces/ [diakses 15 April 2011].

Choi, I.R.. 2010. New Virus Disease Found in Japan. International Rice Research Institute, Los Baños, Philippines http://ricehoppers.net/2010/09/ new-virusdiseasefound-in-japan/ [diakses 15 April 2011].

Chowbury, A.K. 1999. Evaluating rice germplasm for resistance to rice tungro disease in West Bengal, India. Dalam: Chancellor TCB., O. Azzzam and KL. Heong (Eds). *Rice Tungro Disease Management.* International Rice Research Institute. p. 67-70.

D'Arcy, C.J. & L.R. Nault. 1982. Insect transmission of plant viruses and mycoplasmalike and rickettsialike organisms. *Plant Disease* 66:99-104

Daquioag, R.D., E.R. Tiongco, P.O. Cabauatan, & H. Hibino. 1984. Reaction of several rice varieties to rice tungro virus (RTV) complex. *Int. Rice Res. Newsl*. 9:5-6

Daradjat, A.A., S. Silitonga, & Nafisah. 2009. Ketersediaan plasma nutfah untuk perbaikan varietas padi. Dalam: Daradjat AA., Setyono A., Makarim AK.., dan Hasanuddin A. (Eds.). *Padi: Inovasi Teknologi Produksi*. Buku 2. LIPI Press. Jakarta. p. 1-27

Dirjentan. 2007. *Informasi Perkembangan Serangan OPT Padi Tahun 2006, Tahun 2005. dan rerata 5 Tahun (2000 – 2004)*. Direktorat Perlindungan Tanaman Pangan. Direktorat Jenderal Tanaman Pangan

[Ditlin] Direktorat Perlindungan Tanaman Pangan, 2010. *Laporan tahunan luas dan intensitas serangan hama utama tanaman padi di Indonesia*. Ditlin Tanaman Pangan. Jakarta.

Du, P.V., R.C. Cabunagan, & I.R. Choi. 2005. Rice "yellowing syndrome" in Mekong River Delta. *Omonrice* 13:135-138

Du, P.V., R.C. Cabunagan, P.Q. Cabauatan, H.S. Choi, I.R. Choi, H.V. Chien, & N.H. Huan. 2007. Yellowing syndrome of rice: etiology, current status, and future challenges. *Omonrice* 15:94-101.

Dwidja Putra, I.G.P. 1988. *Kajian Epidemi Penyakit virus kerdil hampa pada padi.* Disertasi. UGM Yogyakarta.

Ebron, L.A., R.R. Yumol, R. Ikeda, & T. Imbe. 1994. Inheritance of resistance to rice tungro spherical virus in some rice cultivars. *Int. Rice Res. Notes* 19:10-11

Egan, B.T. 1982. The theoritical basis for the development of the Bundaberg Fiji diseases epidemic. In: *Proceedings of Australian Society of Sugar Cane Technologists.* p.97-101.

Fagi, A.M, I. Las, & M. Syam. 2002. *Penelitian Padi Menjawab Tantangan Ketahanan Pangan Nasional.* Badan Penelitian dan Pengembangan Pertanian. Balai Penelitian Tanaman Padi.

Finney, D.J. 1971. *Probit Analysis*. 3rd ed. Cambridge University Press. London. 333p

Ghosh, A. & V.T John. 1980. Rice ragged stunt virus diseas in India. *Plant Dis.* 64:1032-1033

Gottlieb, Y., E.Z. Fein, N.M. Daube, S. Kontsedalov, M. Skaljac, M. Brumin, I. Sobol, H. Czosnek, F. Vavre, F. Fleury, & M. Ghanim. 2010. The transmission efficiency of *Tomato yellow leaf curl virus* by the whitefly *Bemisia tabaci* is correlated with the presence of a specific symbiotic bacterium species. *J. Virol*. 84:9310-9317

Hagiwara, K., Y. Minobe, Y. Nozu, H. Hibino, I. Kimura, & T. Omura. 1986. Componen proteins and sttructure of Rice Ragged Stunt Virus. *J. Gen. Virol.* 67:1711-1715

Heinrichs, E.A., F.G. Medrano, & H.R. Rapusas. 1985. *Genetic evaluation for insect resistance in rice*. International Rice Research Institute. Los Banos. Philippines.

Heong, K.L. 2010. Thailand cuts second crop rice output forecasts by 16% because of BPH and water shortage. http://ricehoppers.net//2010/01/28/ thailand-cuts-second-crop-rice-output-forecasts-by-16-because-of-bph-and-water-shortage/. [diakses 2 September 2011].

Heong, K.L. & I.R. Choi. 2009. Corsortium set up to address new virus problem. http://ricehoppers.net/2009/12/08/consortium-set-up-to-address-new-virus-problem/ [diakses 25 Februari 2011]

Hibino, H., Roechan, & S. Sudarisman. 1978. Association of two types of virus particles with penyakit habang (tungro disease) of rice in Indonesia. *Phytopatol.* 68: 1412-1416.

Hibino, H. 1986. Description of Plant Viruses: Rice grassy stunt virus. http://www.dpvweb.net/dpv/showdpv.php?dpvno=320 [22 Februari 2013]

Hibino, H. 1992. Diseases caused by viruses and mycoplasmalike organisms. In: Webster RK, and Gunnell PS (*Ed*). 1992. *Compendium of Rice Diseases*. APS Press. The Americ. Phytopath. Soc. St Paul, Minnesota, USA. p. 33-46.

Hibino, H. 1996. Biology and epidemiology of rice viruses. *Annu. Rev. Phytopathol.* 34:249-274

Hirao, J., S. Oya, & H. Inoue. 1985. Transmission of rice grassy stunt virus (RGSV) by the brown planthopper, *Nilaparvata lugen* Stal.(Hemiptera: Delphacidae). *Bull. Kyushu Natl. Agric. Exp. Stn* 24:307-337

Hirao, J., S. Oya, & H. Inoue. 1987. Transmission of Rice grassy stunt virus (RGSV) by brown planthopper, Nilaparvata lugens STAL (Hemiptera: Delphacidae). *Bull. Kyushu Natl. Agric. Exp. Stn*. 24:308-337

Hoang. A.T., H.M. Zhang, J. Yang, J.P. Chen, E. Hebrard, G.H. Zhou, V.N. Vinh, & J.A. Cheng. 2011. Identification, Characterization, and Distribution of Southern rice black-streaked dwarf virus in Vietnam. *Plant Dis.* 95:1063-1069

Hogenhout, S.A., E.D. Ammar, A.E. Whitfield, & M.G. Redinbaugh. 2008. Insect vector interactions with persistently transmitted viruses. *Annu. Rev. Phytopathol.* 46:327-359

[ICTV] International Committee on Taxonomy of Viruses. 2014. Virus Taxonomy.Classification and Nomenclature of Viruses. *Ninth Report of the International Committee on Taxonomy of Viruses.* International Union of Microbiological Societies Virology Division. King, A.M.Q., M.J. Adams, E.B. Carstens, & E.J. Lefkowitz (*Eds*). Elsevier Academi Press: Amsterdam, Boston, Heidelberg, London, New York, Oxford Paris, San Diego, San Francisco, Singapore, Sydney, Tokyo

Iman, M. & T.P. Priyatno, 2001. Paradigma Baru Pengendalian Wereng Batang Coklat (Nilaparvata lugens Stål.): Endosimbion sebagai Sasaran. *Bul. AgroBio*. 4:50-55

[IRRI] International Rice Research Institute, 1996. *Standard Evaluation System for Rice*. IRRI, P.O. Box 9333, 1099. Manila. Philippines. 52 p.

Jia, D.S., H.Y. Chen, Q.Z. Mao,, Q.W. Liu, & T.Y. Wei. 2012. Restriction of viral dissemination from the midgut determines incompetence of small brown planthopper as a vector of Southern rice black-steraked dwarf virus. *Virus Res.* 167:404-408.

Kartaatmadja, S. 1979. *Efficiency of Nilaparvata lugens (Stal) to Transmit Rice Ragged Stunt Virus (RRSV)*. Thesis. University of Philippines. Los Banos-Philippines.

Khan, M.A., H. Hibino, V.M. Aguiero, R.D. Daquioag, & O. Opina. 1991. Rice and weed hosts of rice tungro-associated viruses and leafhopper vectors. *Plant Dis.* 75:926-930

Khush, G.S. & K.C. Ling. 1974. Inheritance of resistance to grassy stunt virus and its vector in rice. *J. Hered*. 65: 14-136.

Kliot, A. & M. Ghanim. 2013. The role of bacterial chaperones in the circulative transmission of plant viruses by insect vectors. *Viruses* 5:1516-1535; doi:10.3390/v5061516

Le, D.T., O. Netsu, T. Uehara-Ichiki, T. Shimizu, I.R. Choi, T. Omura, & T. Sasaya. 2010. Molecular detection of nine rice viruses by a reverse-transcription loop-mediated isothermal amplification assay. *J. Virol. Method* 170:90-93

Lecoq, H., B. Moury, C. Desbiez, A. Palloix, & M. Pitrat. 2004. Durable virus resistance in plants through conventional approaches: a challenge. *Virus Res.* 100:31-39

Li, J., I.B. Andika, J. Shen, Y. Lv, Y. Ji, L. Sun, & J. Chen. 2013. Characterization of *Rice black-streaked dwarf virus*- and *Rice stripe virus*-derived siRNAs in singly and doubly infected insect vector Laodelphax striatellus. *PLoS ONE* 8, e66007.

Li, S., H. Wang, & G.H. Zhou. 2014. Synergism between *Southern rice black-streaked dwarf virus* and *Rice ragged stunt virus* enhances their insect vector aqiusition. Abstract. Virology 104 (7). http://apsjournals.apsnet.org/doi/abs/10.1094/PHYTO-11-13-0319-R?url_ver=z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat= cr_pub%3dpubmed [diakses 15 April 2015]

Li, X.H. & A.E. Simon. 1990. Symptom intensification on cruciferous host by the virulent satellite RNA of turnip crinkle virus. *Phytopathol.* 80: 238-242

Ling, K.C. & E.R. Tiongco. 1980. *Developments in Pest Management in the Philippines*. IRRI Los Banos, Laguna, philippines. 722 p

Ling, K.C., E.R. Tiongco, & Z.M. Flores. 1983. Epidemiological studies of rice tungro. *In*: Plum, R.T. & J.M. Tresh (Eds), *Plant Virus Epidemiology*. Blackweel Scientific Publications, Oxford. p. 249-257

Ling, K.C., E.R. Tiongco, & V.M. Anguiero. 1978a. Rice ragged stunt, a new virus disease. *Plant Dis. Reporter* 62:701-705

Ling, K.C., E.R. Tiongco, V.M. Aguiero, & P.Q. Cabauatan. 1978b. Rice ragged stunt diseases in the Philippines. Philipp. *Phytopathol.* 14:38-57

Ling, K.C., E.R. Tiongco, & V.M. Aguiero. 1978c. Host range of rice ragged stunt virus. *Int. Rice Res. Newsl.* 3:8

Ling, KC. 1972. *Rice virus Diseases*. The IRRI. Los Banos, Laguna, Philippines.

Link, P.A. & M. Fuchs. 2005. Transmission specificity of plant viruses by vectors. *J. Plant Pathol.* 87: 153-165

Lucas, J.A. 1998. *Plant Pathologi and Plant Pathogens*. Blackwell Sci. Publ., Oxford

Mathur, K.C. &D.P. Chaturvedi. 1980. Biology of leaf and planthopper, the vectors of rice virus diseases in India. *Proc. Indian natn. Sci. Acad*. B46 :797-812

Matsumura, M. & S. Morimura. 2010. Recent status of insecticide resistance in Asian rice planthoppers. *JARQ* 44:225-230

Matsumura, M., H. Takeuchi, M. Satoh, S.S. Morimura, A. Otuka, T. Watanabe, & D.V. Thanh. 2008. Species-specific insecticide resistance to imidacloprid an fipronil in the rice planthopper Nilaparvata lugens an Sogatella furcifera in East an South-east Asia. *Pest Manag. Sci.* 64:1115-1121

Mauck, K., N.A. Bosque-Perez, S.D. Eigenbrode, C.M. DeMoraes, & M.C. Mescher. 2012. Transmission mechanism shape pathogen effects on host-vector interaction: evidence from plant viruses. *Funct Ecol.* 26:1162-1175

Metthews, R.E.F. 1992. *Fundamentals of Plant Virology*. Acad. Press. California. 405 p.

Mochida, O. 1977. Taxonomy and Biology of Nilaparvata luggens (Homoptera, Delphacide)". In: *Brown Planthopper Symposium.* International Rice Research Institute. Philippines. 76p.

Moreno, A., M. Nebreda, B.M. Diaz, M. Garcia, F. Salas, & A. Fereres. 2007. Temporal and spasial spread of Lettuce mosaic virus in lettuce crop in central spain: factors involved in Lettuce mosaic virus epidemics. *Ann. Appl. Biol.* 150:3551-3560

Muhsin, M. & I.N. Widiarta. 2009. Pengendalian penyakit tungro dan penyakit virus tanaman padi lainnya. *Dalam*: Daradjat, A.A., A. Setyono, A.K. Makarim, & A. Hasanuddin (Eds). 2009. *Padi: Inovasi Teknologi Produksi* Buku 2. LIPI press, Jakarta. p. 473-498

Nam, N.T., N.M. Hung, C.H. Ha, H.T.T. Hang, & L.T. Binh. 2007. Genetic variations in Rice Grassy Stunt Virus strains isolate from Cuu Long River Delta Provinces. *Tap chi Cong nghe Sinh hoc* 5:479-484

Nault, L.R. 1997. Arthropod transmission of plant virus:new synthesis. *Annals of the Entomological Society of America* 90:521-541

Neher, D.A. & C.L. Campbell, 1992. Underestimation of diseases progress with the logistic, monomolecular, and Gompertz models when maximum disease intensity is less than 100%. *Phytopathol.* 82:811-816

Ngoc, T.T., H.A. Ta, V.D. Nang, & N.S. Mishra. 2013. Isolation and molecular analysis of SRBSDV isolates infecting rice in Vietnam. *Asian J. of Agric. and Food Sci.* 1:258-263

Nirwanto H. 2007. *Pengantar Epidemi dan Manajemen Penyakit Tanaman.* Penerbit UPN "Veteran". Jawa Timur. 129 p

Nuque, F.L., V.M. Aguiero, & S.H. Ou. 1982. Inheritance of resistance to grassy stunt virus in rice. *Plant Dis.* 66: 63-64.

Nutter Jr, F.W. 1997. Quantifying the tempporal dynamics of plant virus epidemics: a review. *Crop Protect.* 16:603-618.

Oka, I.N. 1995. *Pengendalian Hama Terpadu dan Implementasinya di Indonesia*. Gadjah Mada University Press. Yogyakarta. 255p

Pane, H., & S.Y. Jatmiko. 2009. Pengendalian Gulma pada Tanaman Padi. Dalam: Daradjat, A., A. Setyono, A.K. Makarim, & A. Hasanuddin (Eds.). *Padi: Inovasi Teknologi Produksi*. Buku 2. LIPI Press, Jakarta. p.267-294

Parejarearn, A. 1986. Evaluating tolerance of rice (Oryza sativa L.) varieties to rice ragged stunt virus. Abstract. http://agris.fao.org//openagris/ search.do?recordID=PH8710169 88 [13 Juli 2013]

Power, A.G. 2000. Insect transmission of plant viruses: a constraint on virus variability. *Current Opinion in Plant Biology* 3:336-340

Pu, L.L., G.H. Xie, C.Y. Ji, B. Ling, M.X. Zhang, D.L. Xu, & G. Zhou. 2012. Transmission characters of Southern rice black-streaked dwarf virus by rice planthopper. *Crop Prot*. 41: 71-75

Purcell, A.H. & R.P.P. Almeida. 2005. Insect as vector of disease agents. *In:* Taylor and Francis (Eds.). *Encyclopedia of Plant and Crop Science*. DOI: 10.10881/E-EPCS-120010496

Puslitbangtan-IRRI. 2010. *Padi Untuk ketahanan Pangan*. Pusat Penelitian dan Pengembangan Tanaman Pangan-International Rice Research Institute. Bogor. 27 p.

Qu, L.Y., Y.H. Lou, H.W. Fan, Y.X. Ye, H.J. Huang, M.Q. Hu, Y.N. Zhu, & C.X. Zhang. 2013. Two endosymbiotic bacteria, Wolbachia and Arsenophonus, in the brown planthopper Nilaparvata lugens. *Symbiosis* 61:47-53

Raccah, B. & A. Fereres. 2009. Plant virus transmission by insect. In: *Encyclopedia of life science* (ELS). John Willey & Sons, Ltd: Chichester. DOI: 10.1002/9780470015902.A0021525.a0000760.pub2. www.els.net [4 Mei 2015]

Rahim, M.D. & A. Nasruddin. 2010. Efisiensi penularan virus tungro oleh Nephotettix virescens (Homoptera: Cicadellidae) dengan berbagai umur sumber inokulum. *J. Fitomedika* 7:125-129

Rattanakarn, W. & P. Pattawun. 2010. Ragged stunt and grassy stunt virus infections in the northern provinces of Central Thailand. http://ricehoppers.net/2010/01/10/ragged-stunt-and-grassy-stunt-virus infections-in-theprovinces-of-northern-provinces-ofcentral-thailand/ [diakses 6 Mei 2015]

Rivai, F. 2003. *Laju infeksi penyakit sebagai indikator ketahanan tumbuhan. Manggaro*. Jurusan Hama Penyakit Tumbuhan, Fakultas Pertanian Unand, IV:21-25.

Rivai, F. 2009. *Dimensi ruang dan waktu penyakit tumbuhan*. Universitas Baiturrahman, Padang. 337p.

Rivai, F. 2010. *Dasar-dasar Epidemiologi Penyakit Tumbuhan.* Universitas Baiturrahman, Padang. 506p.

Rivera, C.T., K.C. Ling, & S.H. Ou. 1969. Suspect host range of Rice tungro virus. *Phill. Phytopathol*. 5:16–17

Rivera, C.T., S.H. Ou, & T.T. Lida. 1966. Grassy stunt disease of rice and its transmission by the planthopper Nilaparvata lugens Stal. *Plant Dis. Rep*. 5:453-456

Rivero, A., J. Vezilier, M. Weill, A.F. Read, & S. Gandon. 2010. Insecticide control of vector-borne diseases: When is insecticide resistance a problem?. *Plos Pathogens* Vol 6 | Issue 8 | e1001000 p.1-9

Salvaudon, L., C.M. De Moraes, & M.C. Mescher. 2013 Outcomes of co-infection by two potyviruses: implications for the evolution of manipulative strategies. Proc. R.Soc. B 280, 20122959. Available at http://dx.doi.org/10.1098/rspb.2012.2959. [diakses 29 Mei 2015]

Sastry, K.S. & T.A. Zitter. 2014. Plant Virus and Viroid Diseases in the Tropics. Volume 2: Epidemiology and Management. Springer Science+Business Media B.V. DOI: 10.1007/978-94-007-7820-7_2. http://www.springer.com/978-94-007-7819-1 [diakses 29 Mei 2015]

Sembiring, H. 2011. Kesiapan teknologi budidaya padi menenggulangi dampak perubahan iklim global. *Prosising Seminar Ilmiah Hasil Penelitian Padi Nasional 2010: Variabilitas dan perubahan iklim, pengaruhnya terhadap kemandirian pangan nasional. Balai Besar Penelitian Tanaman Padi*. p 1-9.

Senboku, T., E. Shikata, E.R. Tiongco, & and K.C. Ling. 1978. Transmission of rice ragged stunt disease by Nilaparvata lugens in Japan. *Int. Rice Res. Notes*. 3:2

Seneviratne, S.N. de S. & P. Jayenandarajah, 2004. Rice diseases-problem and progress. *Trop. Agric. Res. and Ext*. 7:29-48

Shikata, E., T. Senboku, & T. Ishimizu. 1980. The causal agent of rice grassy stunt diseases. *Jpn. Acad*. 56:89-94

Shikata, E., T. Senboku, K. Kamjaipai, T.G. Chou, E.R. Tiongco, & K.C. Ling. 1979. Rice ragged stunt virus, a new member of plant Reovirus group. Ann. *Phytopath. Soc. Japan* 45:436-443

Sitaresmi, T., R.H. Wening, A.T. Rakhmi, N. Yunani, & U. Susanto. 2013. Pemanfaatan plasma nutfah padi varietas lokal dalam perakitan varietas unggul. *Iptek Tan. Pangan* 8: 22-30.

Su, Q., H. Pan, B. Liu, D. Chu, W. Xie, Q. Wu, S. Whang, B. Xu, & Y. Zhang. 2013. Insect symbiont fasilitates vector aquisition, retention, and transmission of plant virus. *Sci. Report*. 3:1367 DOI:10.1038/srep01367.

Sumaryanto. 1995. *Analisis Kebijakan Konversi Lahan Sawah ke Penggunaan Non Pertanian.* Pusat Penelitian Sosial Ekonomi Pertanian, Bekerjasama dengan Proyek Pembinaan Kelembagaan Peranian Nasional. Bogor.

Suprihatno, B., A..A. Daradjat, Satoto, Suwarno, E. Lubis, S.E. Baehaki, Sudir, S.D. Indrasari, I.P. Wardana, & M.J. Mejana. 2011. *Deskripsi Varietas Padi.* Edisi Revisi. Balai Besar Penelitian tanaman Padi

Suryana, A., S. Mardianto, K. Kariyasa, & I.P. Wardana, 2008. Kedudukan padi dalam perekonomian Indonesia. *Dalam* Suyamto, I.N. Widiarta, & Satoto (Eds). *Padi, Inovasi Teknologi dan Ketahanan Pangan* (Buku 1). Balai Besar Penelitian Tanaman Padi.

Suswanto, I. 2005. *Peranan Vektor dan Sumber Inokulum dalam Perkembangan Tungro.* Disertasi. Program Studi Fitopatologi, Jurusan Ilmu-ilmu Pertanian. Sekolah Pascasarjana Universitas Gadjah Mada.

Syller, J. 2014. Biological and molecular events associated with simultaneous transmission of plant viruses by invertebrate and fungal vectors. *Molecular Plant Pathol.* 15:417-426

Thresh, J. M. & D. Fargette. 2003. The epidemiology of African plant viruses: basic principles and concepts. In: *Plant Virology in Sub-Saharan Africa*, pp. 61-111. Eds J.d'A. Hughes, B.O. Odu. Ibadan, Nigeria: International Institute for Tropical Agriculture.

Toriyama, S., T. Kimishima, M. Takahasi, T. Shimizu, N. Minaka, K. Akuts. 1998. The complete nucleotide sequence of the rice grassy stunt virus genome and genomic comparisons with viruses of the genus Tenuivirus. *J. Gen. Virol.* 79:2051-2058

Toriyama, S., T. Kimishima, & M. Takahasi. 1997. The proteins encoded by rice grassy stunt virus RNA 5 and RNA 6 are only distantly related to the corresponding proteins of other member of the genus Tenuivirus. *J. Gen. Virol.* 78:2355-2363

Untung, K. & Y.A. Trisyono. 2010. Wereng coklat mengancam swasembada beras. Laporan monitoring dan evaluasi proyek Lembaga Penelitian dan Pengabdian Masyarakat. http:faperta.ugm.ac.id [15 Desember 2012]

Van Den Houvel, J.F.J.M., M. Veerbek, & F. Van Der Wilk. 1994. Endosymbiotic bacteria associated with circulative transmission of potato leafroll virus by *Myzzus persicae*. *J. Gen. Virol*. 75:2559-2565

Van Der Plank JE. 1963. Plant Diseases: Epidemics and Control. Academic Press, Inc. London. 336p

Vanderplank, J.P. 1965. Dynamics of epidemics of plant disease. *Science* 147: 120–124.

Wang, Q., J. Yang, G.H. Zhou, H.M. Zang, J.P. Chen, & M.J. Adams. 2010a. The complete genome sequen of two isolates of Southern rice black-streaked dwarf virus, a new member of genus Fijivirus. *J. Phytopathol*. 158:733-737

Wang, K., J.J. Zheng, S.G. Zhang, & G.H. Zhou. 2010b. Seedling test confirm Southern rice blak-streaked dwarf virus can not be transmitted via rice seed. Abstract. Guangdong Agric. Sci. 2010. http://en.cnki.com.cn/ Article_en/CJFDTOTAL-GDNY201007050.htm. [diakses 2 November 2015].

Xu, J., J. Li, H.A. Ta, H.M. Zhang, J. Yang, M.F. Lv, Y. Meng, P.P. Li, & J.P. Chen. 2013. Complete sequence of southern rice black-dwarf virus, a novel Fijivirus, from Vietnam. *Genome a Journal. ASM.org.* Vol. 1 Issue 3 e00212-13

Ya, C., Z. Junzi, Z. Qian, J. Jian, & G. Bida. 2012. Sequence analysis of genome S10 of Hunan Dingcheng isolate of Southern Rice Black-Streaked Dwarf Virus. *J of Guangi Agric. and Biol. Sci.* 31:160-166.

Yan, J., H. Kudo, I. Uyeda, S.Y. Lee, & E. Shikata. 1992. Conserved terminal sequences of rice ragged stunt virus genomic RNA. *J. Gen. Virol*. 73:785-789

Zhang, X.J., X.P. Yu, & J.M. Chen. 2008. High temperature on yeast-like endosymbiotes and pesticide resistance of small brown planthopper, *Laodelpha striatellus*. *Rice Sci.* 15:326-330

Zheng, L., Q. Mao, L. Xie, & T. Wei. 2014. Infection route of rice grassy stunt virus a tenuivirus, in the body of its brown planhopper vector, Nilaparvata lugens (Hemiptera:Delphacidae) after ingestion of virus. *Virus Res.* 188: 170-173.

Zhou, G.H., Q. Wang, J.J. Wen, & D.L. Xu. 2010. *Occurrence of a rice dwarf disease in China caused by Southern rice black-streaked dwarf virus, a new species in genus Fijivirus.* Abstract was presented at the 2010 APS Annual Meeting, August 7-11, 2010 in Charlotte, North C, U.S.A.

Zhou, G.H. 2010. New rice virus disease spreading in China. http:/ricehoppers.net/2010/06/new-rice-virus-disease-spreading-in-china/ [15 April 2013]

Zhou, G.H., J.J. Wen, D.J. Cai, P. Li, D.L. Xu, & S.G. Zhang. 2008. Southern rice black-streaked dwarf virus: A new proposed Fijivirus species in the family Reoviridae. *Chinese Sci. Bull.* 53:3677-3685

Zhou, G.H.., D. Xu, D. Xu, & M. Zhang. 2013. Southern rice black-streaked dwarf virus: a white-backed planthopper-transmitted fijivirus threatening rice production in Asia. Review Article. *Frontier in Microb*. 4:240-270

Zhou, L.G., K.Y. Tu, L. Tsau, & SY. Li. 1983. Screening of rice varieties for resistance to ragged stunt diseases. *Int. Rice Res. Newsl*. 8:6