



## DAFTAR PUSTAKA

- Abdullah, H. 1982. Studies of bacterial stalk rot disease of corn. *Pertanika* : 84-89.
- Ahamad, S., B. Lal, and D. Kher. 2015. Screening of maize germplasms against stalk-rot diseases in the intermediate zone of jammu region. *International Journal of Innovative Science, Engineering & Technology* Vol 2 : 828-831.
- Ariani, M. dan E. Pasandaran. 2005. Ekonomi jagung indonesia : pola konsumsi dan permintaan jagung untuk pangan. Badan Litbang Pertanian. Jakarta Selatan. <<http://www.litbang.pertanian.go.id/buku/ekonomi-jagung-indonesia/Pola-Konsumsi.pdf>>. Diakses pada tanggal 6 September 2016.
- Aris, M., Sukenda, E. Harris, M.F. Sukardi, dan M. Yuhana. 2013. Identifikasi molekuler bakteri patogen dan desain primer PCR. *Jurnal Budidaya Perairan* Vol.3 : 43-50.
- Billah, M.T. 2013. Buletin Konsumsi Pangan : Pusat Data dan Sistem Informasi Pertanian Vol 4: 19-31.
- Bowden, G.H. W. 1993. *Serological Identification*. Academic Press, London.
- Canama, A.O. and D.M. Hautea. 2010. Molecular mapping of resistance to bacterial stalk rot (*Pectobacterium chrysanthemi* pv. *zear* Burk., McFad. And Dim.) in tropical white maize (*Zea mays* L.). *Philippine Agricultural Scientist* Vol.93 : 429-438.
- Fahy, P.C. and A.C Hayward. 1983. Media and Methods for Isolation and Diagnostic Test. In Fahy, P.C. and G. J. Persley (Eds) *Plant Bacterial Diseases : a Diagnostic Guide*: 337-378. Academic Press, Australia.
- Goodfellow, M. and A.G. O'Donnell. 1993. *Handbook of New Bacterial Systematic*. Academic Press, London.
- Habib, A. 2013. Analisis faktor-faktor yang mempengaruhi produksi jagung. *Jurnal Agrium*. Vol 18 : 79-87.
- Hallauer, A. R. and M.J. Carena. 2009. Maize breeding. *Journal Cereals*, p 680.
- Heinrich, M.B., J. Gibbons, and S. Williansom. 2004. *Fundamental Of Pharmacognosy and Phytotherapy*. Penerbit Elsevier, Philadelphia.
- Hélias, V., P. Hamon, E. Huchet, J.V.D. Wolf, dan D. Andrivon. 2012. Two effective semiselective crystal violet pectate media for isolation of *Pectobacterium* and *Dickeya*. *Plant Pathology* 61 : 339-345.
- Heyne, K. 1950. *Tumbuhan Berguna Indonesia*, diterjemahkan oleh Badan Litbang Kehutanan. Jilid III. Yayasan Sarana Wana Jaya, Jakarta, p : 1308-1308.



- Himawan, A., Y.B. Sumardiyono, S. Somowiyarjo, Y.A. Trisyono, dan A. Beattie. 2010. Deteksi menggunakan PCR (*Polymerase Chain Reaction*) *Candidatus liberibacter asiaticus* penyebab huanglongbing pada jeruk siem dengan beberapa tipe gejala pada daun. *Jurnal HPT Tropika* 10: 178-183.
- Janda, J.M. and S.L. Abbot. 2007. 16S rRNA Gene sekuensing for bacterial identification in The Diagnostic Laboratory : Pluses, Perils, and Pitfalls. *Journal of Clinical Microbiology* : 2761-2764.
- Jackson-Ziems, T.A., J.M. Rees, and R.M. Harveson. 2014. Common stalk rot diseases of corn. The Board of Regents of the University of Nebraska : 2-8.
- Jim,S. 1999. Common stalk rot disease of corn. *Plant Disease Journal* 6:1-8.
- Joko, T., N. Kusumandari, dan S. Hartono. 2011. Optimasi metode PCR untuk deteksi *Pectobacterium carotovorum* penyebab penyakit busuk lunak anggrek. *Jurnal Perlindungan Tanaman Indonesia* Vol. 17 : 54-59.
- Ketaren, S. 1986. Pengantar Teknologi Minyak dan Lemak Pangan. Cetakan Pertama. UI-Press, Jakarta.*
- Klement, Z., K Rudolph, D C Sand. 1990. *Methods in Phytobacteriology*. Budapest, Academia Kiado.
- Kloppers, R. and S. Tweer. 2009. Maize diseases : *Erwinia* stalk rot. <<https://www.plantwise.org/FullTextPDF/2011/20117800342.pdf>>. Diakses tanggal 17 November 2016.
- Kojima, W., T. Fujii, M. Suwa, M. Miyazawa, and Y. Ishikawa. 2010. Physiological adaptation of the Asian corn borer *Ostrinia furnacalis* to chemical defenses of its host plant, maize. *Journal of Insect Physiology* 56 : 1349–1355.
- Lau, D., M. Künzler, A. Braunwarth, K. Hellmuth, A. Podtelejnikov, M. Mann, and Ed Hurt. 2000. Purification of protein A-tagged yeast ran reveals association with a novel karyopherin family member, Pdr6p. *Journal of Biological Chemistry* 275 : 467-471.
- Lelliot, R.A., and D.E. Stead. 1987. *Methods for the diagnosis of bacterial diseases of plants. Methods in Plant Pathology, British Society for Plant Pathology. Blackweel Scientific Publications, p. 212.*
- Ma, B., M.E. Hibbing, Hye-Sook K., R.M. Reedy, I. Yedia, J. Brauer., J. Brauer., J.D. Glasner, N.T. Perna, A. Kelman, and A.O. Charkowski. 2007. Host range and molecular phylogenies of the soft rot enterobacterial genera *Pectobacterium* and *Dickeya*. *Phytopathology* 97:1150-1163.
- Mac Faddin J.F. 1982. *Biochemical Tests for Identification of Medical Bacteria*, Williams and Wilkins, Baltimore.



- Madigan M.T., J.M. Martinko, D.A. Stahl, and D.P. Clark. 2012. *Biology of Microorganism*. 13th edition. Pearson, San Francisco, p: 140-141.
- Magee,J. 1993. Whole-organism fingerprinting. *In: Goodfellow, M. and O'Donnell, A.G. Handbook of New Bacterial Systematic*. Academic Press, London.
- Myung I-, Jeong IH, Moon SY, Kim WG, Lee SW, Lee YH, Lee Y-, Shim HS, Ra DS, 2010. First report of bacterial stalk rot of sweet corn caused by *Dickeya zeae* in Korea. *New Disease Reports* 22,15.
- Nicot, N., J.F. Hausman, L. Hoffmann, and D, Evers. 2005. Housekeeping gene selection for real-time RT-PCR normalization in potato during biotic and abiotic stress. *Journal of Experimental Botany* Vol. 56 : 2907-2914.
- Obopile, M. 2009. Interactions among maize phenologies, transgenic *Bacillus thuringiensis* maize and seed treatment for management of pests and diseases of maize. Dissertation of The Ohio State University : 1-219.
- Paliwal. R.L. 2000. Tropical maize morphology. *In: tropical maize: improvement and production*. Food and Agriculture Organization of the United Nations. Rome : 13-20.
- Pangastuti, A. 2006. Definisi spesies prokaryota berdasarkan urutan basa gen penyandi 16S rRNA dan gen penyandi protein. *Biodiversitas* Vol.7 : 292-296.
- Priest, F. dan B. Austin. 1993. *Modern Bacterial Taxonomy* 2<sup>nd</sup> edition. Chapman & Hall, London.
- Rinanda, T. 2011. Analisis sekuensing 16S rRNA di bidang mikrobiologi. *Jurnal Kedokteran Syiah Kuala* Vol.11 : 172-177.
- Schleifer, K.H., Ludwig, W., and Amann, R. 1993. *Nucleic Acid Probes*. *In: Goodfellow, M. and A.G. O'Donnell. Handbook of New Bacterial Systematic*. Academic Press, London.
- Schaad, N. W. 1988. *Laboratory Guide for Identification of Plant Pathogenic Bacteria*. Second Edition. The American Phythopathological Society, APS Press, St. Paul.
- Schaad, N. W., J. B. Jones, and W. Chun. 2001. *Laboratory Guide for Identification of Plant Pathogenic Bacteria*. Third Edition. American Phythopathological Society, APS Press, St. Paul.
- Sembiring, L. 2013. Identifikasi Mikrobial S2 dan S3. Fakultas Biologi. Universitas Gadjah Mada. Bahan Ajar.
- Shurtleff, M.C. 1980. *Compendium of Corn Disease*. Second Edition. The American Phytopathological Society, p : 105.



- Stackebrandt, E. and B.M.Goebel. 1995. A place for DNA-DNA reassociation and 16S rRNA sequence analysis in the present species definition in bacteriology. *International Journal of Systematic Bacteriology* 44: 846-849.
- Suarni dan M. Yasin. 2011. Jagung sebagai Sumber Pangan Fungsional. *Jurnal Iptek dan Tanaman Pangan*. Vol 6 : 41-56.
- Subekti, N.A. and A.M. Salazar. 2007. Diallel analysis of resistance to bacterial stalk rot (*Pectobacterium chrysanthemi* pv. *zear* Burk., McFad. and Dim.) in corn (*Zea mays* L.). *Indonesian Journal of Agricultural Science* 8 : 48-52.
- Surtikanti. 2011. Hama dan penyakit penting tanaman jagung dan pengendaliannya. Seminar Nasional Tanaman Serealia. <http://balitsereal.litbang.pertanian.go.id/wp-content/uploads/2016/12/18hpros11.pdf>. Diakses tanggal 17 November 2016.
- Syafruddin. 2002. Tolok ukur dan konsentrasi Al untuk penapisan tanaman jagung terhadap ketenggangan Al. *Berita Puslitbangtan* 24: 3-4.
- Tjitrosoepomo, G. 1989. Taksonomi Tumbuhan (Schozophyta, Thallophyta, Bryophyta, Pteridophyta). Gadjah Mada University Press, Yogyakarta.
- van der Wolf, J.M., E.H. Nijhuis, M.J. Kowalewska, G.S. Saddler, N. Parkinson, J.G. Elphinstone, L. Pritchard, I.K. Toth, E. Lojkowska, M. Potrykus, M. Waleron, P.de Vos, I. Cleenwerck, M. Pirhonen, L. Garland, V. Hélias, J.F. Pothier, V. Pflüger, B. Duffy, L. Tsrer, dan S. Manulis. 2014. *Dickeya solani* sp. nov., a pectinolytic plant-pathogenic bacterium isolated from potato (*Solanum tuberosum*). *International Journal of Systematic and Evolutionary Microbiology* Vol.64 : 768-774.
- Wakman, W. dan O. Suherman. 1998. Penyakit busuk batang jagung pada pertanaman GM30, GM26, dan GM15 induk persilangan jagung hibrida, di KP. Bajeng. Seminar Mingguan Balitjas, 19 Desember 1998.
- Widayati, W.E., J. Widada, J. Soedarsono. 2007. Deteksi molekuler bakteri endofit pada jaringan planlet tebu. *Hayati Journal of Biosciences*. 14:145-149.
- Yang, D., M. Jin, B. Wang, D. Zhang, H. Nguyen, C. Zhang, and S. Chen. 2005. Characterization and mapping of Rpi1,a gen that confers dominant resistance to stalk rot in maize. *Journal Molecular Gen genomic* 274: 229-234.
- Yuliani,S. dan Satuhu. 2012. Panduan Lengkap Minyak Asiri. Cetakan Pertama. Penebar Swadaya, Jakarta.
- Zhu, W., M.M. Magbanva, and F.F. White. 2000. Identification of two novel hrp-associated genes in the hrp gene cluster of *Xanthomonas oryzae* pv.*oryzae*. *Journal of Bacteriology* 182 :1844-1853.