

- Agrios, G. 2005. Plant Pathology 5th Edition. Elsevier Academic Press. Amsterdam.
- Alexander, B. J. R. & A. Stewart. 1994. Survival of sclerotia of *Sclerotinia* and *Sclerotium* spp in New Zealand horticultural soil. *Soil Biology and Biochemistry* 26(10): 1323–1325.
- Anonim. 2012. Statistik Indonesia. Badan Pusat Statistik. Jakarta.
- Anonim. 2014. Statistik Indonesia. Badan Pusat Statistik. Jakarta.
- Anonim. 2018. Statistik Indonesia. Badan Pusat Statistik. Jakarta.
- Antoniou, A., M. D. Tsolakidou, I. A. Stringlis, & I. S. Pantelides. 2017. Rhizosphere microbiome recruited from a suppressive compost improves plant fitness and increases protection against vascular wilt pathogens of tomato. *Frontiers in Plant Sciences*, 8: 1-16.
- Apriyadi, Z., E. Liestiany, & Rodinah. 2019. Pengendalian biologi penyakit layu bakteri (*Ralstonia solanacearum*) pada tanaman tomat (*Lycopersicon esculentum*). *Proteksi Tanaman Tropika* 2(02): 1 – 7.
- Atlas, R.M. 2010. Handbook of Microbiological Media 4th Edition. CRC Press, New York.
- Ayed, F., H. Jabnoun-Khiareddine, R. Aydi-Ben-Abdallah, & M. Daami-Remadi. 2018. Effects of ph and aeration on *Sclerotium rolfsii* sacc. mycelial growth, sclerotial production and germination. *Int. J. Phytopathol.* 7(03):112.
- Barakat, R. M., F. Al-Mahareeq, & M. I. Al-Masri. 2006. Biological control of *Sclerotium rolfsii* by using indigenous *Trichoderma* spp. isolates from palestine. *Hebron University Research Journal* 2(2): 28-29.
- Boulter, J. I., J. T. Trevors, & G. J. Boland. 2002. Microbial studies of compost: bacterial identification, and their potential for turfgrass pathogen suppression. *World Journal of Microbiology & Biotechnology* 18: 661 – 671.
- Bosah, O., C.A. Igeleke, & V.I. Omorusi. 2010. In vitro microbial control of pathogenic *Sclerotium rolfsii*. *International Journal of Agriculture and Biology*. 12(3):474.
- Cahyani, H.N., & Ngadiman. 2022. Isolasi dan identifikasi jamur dari kompos dan berdaya antagonistic terhadap patogen tular tanah *Fusarium oxysporum* dan *Rhizoctania solani*. Skripsi, Universitas Gadjah Mada.
- Chang, S. T. & P. G. Miles. 2004. Mushrooms: cultivation, nutritional value, medicinal effect and environmental impact 2nd Ed. CRC Press, USA.
- Chang, S. T. & S. P. Wasser. 2017. The cultivation and environmental impact of mushrooms.

- Chet, I., Y. Henis, & N. Kislav. 1969. Ultrastructure of sclerotia and hyphae of *Sclerotium rolfsii* Sacc. The Journal of General Microbiology. 57:146-147.
- Cook, R. J. & Baker, K.F. 1983. The Nature and Practice of Biological Control of Plant Pathogens. APS Press. St. Paul.
- Dolatabadian, A. 2021. Plant–microbe interaction. Biology 10(1): 1.
- Eslami, A. A., S. A. Khodaparast, S. Mousanejad, & F. P. Dehkaei. 2015. Evaluation of the virulence of *Sclerotium rolfsii* isolates on *Arachis hypogaea* and screening for resistant genotypes in greenhouse conditions. Hellenic Plant Protection Journal 8: 1-11.
- Fatihah, N.L., Ngadiman, & D. Widiyanto. 2022. Isolasi dan identifikasi aktinomisetes kompos yang berkemampuan antagonis terhadap *Rhodococcus fascians* dan *Streptomyces puniscabiei*. Skripsi, Universitas Gadjah Mada.
- Ganesan, P. & S. S. Gnanamanickam. 1987. Biological control of *S. rolfsii* Sacc. in peanut by inoculation with *Pseudomonas fluorescens*. Soil Biology and Biochemistry 19(1): 35 – 38.
- Garbeva, P., J.A. van Veen, & J.D. van Elsas. 2004. Microbial diversity in soil: selection of microbial population by plant and soil type and implications for disease suppressiveness. Annu. Rev. Phytopathol. 42: 243-270.
- Goswami M. & S. Deka. 2020. Plant growth-promoting rhizobacteria—alleviators of abiotic stresses in soil: a review. Pedosphere 30(1): 40-61.
- Glucu, V., M. Aydogdu, M. Basak, S. Kizil, B. Uzun, & E. Yol. 2020. Characterization of a groundnut collection to stem rot disease caused by *Sclerotium rolfsii*.
- Gupta, V. 2011. Microbes and soil structure. In: Gliński, J., Horabik, J., Lipiec, J. (eds) Encyclopedia of Agrophysics. Encyclopedia of Earth Sciences Series. Springer, Dordrecht.
- Gupta, V. V. S. R. and J. J. Germida. 1988. Distribution of microbial biomass and its activity in different soil aggregate size classes as affected by cultivation. Soil Biology and Biochemistry, 20, 777–787.
- Jardon, K. S., P. P. Thirumalaisamy, V. Kumar, V. G. Koradia, & R. D. Padavi. 2015. Management of soil borne diseases of groundnut through seed dressing fungicides. Crop Protection 78: 198.
- Jumas, J.R., Ngadiman, & J. Widada. 2022. Efektivitas kompos dalam mengendalikan patogenitas *Ralstonia solanacearum* pada pertanaman tomat (*Solanum lycopersicum*), Skripsi, Universitas Gadjah Mada.



- Juhnke, M. E., & E. des Jardin. 1989. Selective medium for isolation of *Xanthomonas maltophilia* from soil and rhizosphere environments. *Applied and Environmental Microbiology* 55(3): 747-750.
- Khokhani, D., T.M. Tran, T.M. Lowe-Power, & C. Allen. 2018. Plant assays for quantifying *Ralstonia solanacearum* virulence. *Bio Protocol* 8(18):1-19.
- Koike, S., K. Subbarao, R.M. Davis, dan T. Turini. 2003. *Vegetable Diseases Caused by Soilborne Pathogens*. UCANR Publications. Davis.
- Kumar, M. R., M. M. Santhoshi, T. G. Krishna, & K. R. Reddy. 2014. Cultural and morphological variability *S. rolfsii* isolates infecting groundnut and its reaction to some fungicidal. *International Journal of Current Microbiology and Applied Sciences*. 3(10): 553 – 561.
- Kusuma, B. K. U. D, Ngadiman, & J. Widada. 2023. Isolasi dan identifikasi bakteri kompos berdaya antagonistik terhadap patogen tular tanah. Skripsi, Universitas Gadjah Mada.
- Li, L., M. Xu, M. E. Ali, W. Zhang, Y. Duan, & D. Li. 2018. Factors affecting soil microbial biomass and functional diversity with the application of organic amendments in three contrasting cropland soils during a field experiment. *PLoS One* 13(13).
- Lobo, C. B., M. S. Juárez Tomás, E. Viruel, M. A. Ferrero, & M. E. Lucca. 2018. Development of low-cost formulations of plant growth-promoting bacteria to be used as inoculants in beneficial agricultural technologies. *Microbiological Research* 219: 12-25.
- Luo, Y., H. P. J. van Veelen, S. Chen, V. Sechi, A. ter Heijnea, A. Veeken, C. J.N. Buisman, & T. M. Bezemer. 2022. Effects of sterilization and maturity of compost on soil bacterial and fungal communities and wheat growth. *Geoderma* 405(115598).
- Maddu, S. & J. M. Ravuri. 2015. Physiological changes in groundnut (*Arachis hypogaea* L.) plants inoculated with *Sclerotium rolfsii* and *Trichoderma* species. *International Journal of Scientific & Engineering Research* 6(2): 136.
- Magenda, S., F.E.F. Kandou, & S.D. Umboh. 2011. Karakteristik isolat jamur *Sclerotium rolfsii* dari tanaman kacang tanah (*Arachis hypogaea* Linn.). *Jurnal Bioslogos* 1(1):2.
- Martin, D., A. Martina, dan R. M. Roza. 2015. Uji potensi antifungi aktinomisetes selulolitik dan ligninolitik dan bakteri lignoselulolitik isolat lokal terhadap pertumbuhan jamur *Ganoderma boninense* dan *Colleotrichum capsici*. *Jurnal Online Mahasiswa FMIPA* 2(1): 161 – 170.
- Mullen, J. 2001. Southern blight, Southern stem blight, White mold. *The Plant Health Instructor*.
- Nandi, S., S. Hembaram, A. Adhikari, B. K. Tiwari, & S. Dutta. 2017. Host Infection

- Nanjareddy, K., I. Zepeda-Jazo, & M. Arthikala. 2022. A protocol for the generation of *Arachis hypogaea* composite plants: A valuable tool for the functional study of mycorrhizal symbiosis. *Appl. Plant Sci.* 10(1): 2.
- Pal, K. K., R. Dey, & K. V. B. R. Tilak. 2014. Future challenges in crop protection against fungal pathogens in *Fungal Biology*. Springer Science+Business Media New York. New York.
- Pradana, W.D., U. Dwiputranto, & J.S. Muljowati. 2020. Pemberian inokulum fungi mikoriza arbuskula (fma) campuran terhadap kemunculan penyakit busuk pangkal batang *Sclerotium* pada tanaman cabai rawit dan cabai merah. *BioEksakta: Jurnal Ilmiah Biologi Unsoed.* 2(2):187.
- Preyanga, R., R. Anandham, R. Krishnamoorthy, M. Senthilkumar, N.O. Gopal, A. Vellaikumar, & S. Meena. 2021. Groundnut (*Arachis hypogaea*) nodule *Rhizobium* and passenger endophytic bacterial cultivable diversity and their impact on plant growth promotion. *Rhizosphere* 17:100309.
- Rahayu, A., M. S. Rahayu, & S. E. Manik. 2020. Peran berbagai sumber N terhadap pertumbuhan dan produksi berbagai varietas tanaman kacang tanah (*Arachis hypogaea* L). *AGRILAND Jurnal Ilmu Pertanian* 8(1): 90.
- Saraswathi, M. & M.N. Reddy. 2015. Phenolic acids associated with *Sclerotium rolfsii* in groundnut (*Arachis hypogaea* L.) during pathogenesis. *International Journal of Plant Pathology* 3(2): 83-84.
- Savage, G. P. & J. I. Keenan. 1994. The composition and nutritive value of groundnut kernels In: *The Groundnut Crop: A Scientific Basis for Improvement* (Smartt, J., ed). Chapman & Hall. London.
- Schilling, B. M., A. Henning, U. Rau. 2000. Repression of oxalic acid biosynthesis in the unsterile scleroglucan production process with *Sclerotium rolfsii* ATCC 15205. *Bioprocess Engineering*: 51-55.
- Shokes, F. M., K. Rózsalski, D. W. Gorbet, T.B. Brenneman, & D. A. Berger. 1996. Techniques for inoculation of peanut with *Sclerotium rolfsii* in the greenhouse and field. *Peanut Science* 23: 125.
- Six, J., H. Bossuyt, S. Degryze, and K. Denef. 2004. A history of research on the link between microaggregates, soil biota, and soil organic matter dynamics. *Soil and Tillage Research* 79:7–31.



- Song, M., H. Y. Yun, & Y. H. Kim. 2014. Antagonistic *Bacillus* species as a biological control of ginseng root rot caused by *Fusarium cf. incarnatum*. *Journal of Ginseng Research* 38: 137.
- Sun, S., F. Sun, D. Deng, X. Zhu, C. Duan, & Z. Zhu. 2019. First report of southern blight of mung bean caused by *Sclerotium rolfsii* in China. *Crop Protection*.
- Tarafdar, A., T. S. Rani, U. S. S. Chandran, R. Ghosh, D. R. Chobe, & M. Sharma. 2018. Exploring combined effect of abiotic (soil moisture) and biotic (*Sclerotium rolfsii* Sacc.) stress on collar rot development in chickpea. *Frontiers in Plant Science* 9(1154): 2.
- Thiessen, L. D. & J. E. Woodward. 2012. Diseases of peanut caused by soilborne pathogens in the southwestern united states. *International Scholarly Research Notices* 2012:1.
- Tisdall, J. M., and J. M. Oades. 1978. Organic matter and water-stable aggregates in soils. *Journal of Soil Science* 33:141–163.
- Wahyusi, KN., R. Dewati, R.P. Ragilia, & T. Kharisma. 2012. Briket arang kulit kacang tanah dengan metode karbonisasi. *Jurnal Teknik Kimia* 6(2):70–73.
- Widiarti, W., E. Wulandari, & P. Rahardjo. 2016. Respons vigor benih dan pertumbuhan awal tanaman tomat terhadap konsentrasi dan lama perendaman asam klorida (HCl). *Agritop: Jurnal Ilmu-ilmu Pertanian* 14(2): 151 – 160.
- Wu, B. M., K. V. Subbarao, & Y.-B. Liu. 2008. Comparative survival of sclerotia of *Sclerotinia minor* and *S. sclerotiorum*.
- Yulifianti, R., B.A.S. Santosa, & S. Widowati. 2015. Teknologi pengolahan dan produk olahan kacang tanah. *Monograf Balitkabi* (13):376-377.
- Zhong, J., D. Chen, H. J. Zhu, B. D. Gao, & Q. Zhou. 2016. Hypovirulence of *Sclerotium rolfsii* Caused by Associated RNA Mycovirus. *Frontiers in Microbiology*. 10(7):1798.