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- mutation assay polymerase chain reaction. *Journal of General Plant Pathology* **70**, 215–217 (2004).
11. Zhou, X.G., Liu, G.: Field evaluation of bactericides for control of bacterial panicle blight in rice, 2013. *Plant Disease Management Reports* **8**, FC232 (2014).
12. Zhou, X.G., Liu, G., Zhou, L.: Evaluation of bactericides for control of bacterial panicle blight of rice in Texas, 2016. *Plant Disease Management Reports* **11**, FC118 (2017).
13. Ngaliat, M.S., Hata, E.M., Zulperi, D., Ismail, S.I., Ismail, M.R., Zainudin, N.A.I.M., Saidi, N.B., Yusof, M.T.: Plant growth-promoting bacteria as an emerging tool to manage bacterial rice pathogens. *Microorganisms* **9**(4), 682 (2021).
14. Jiao, X., Takishita, Y., Zhou, G., Smith, D.L.: Plant-associated rhizobacteria for biocontrol and plant growth enhancement. *Frontiers in Plant Science* **12**, 634796 (2021).
15. Rodríguez, M., Torres, M., Blanco, L., Béjar, V., Sampedro, I., Llamas, I.: Plant growth-promoting activity and quorum quenching-mediated biocontrol of bacterial phytopathogens by *Pseudomonas segetis* strain P6. *Scientific Reports* **10**, 4121 (2020).
16. Furuya, N., Okamoto, T., Kori, Y., Matsuyama, N., Wakimoto, S.: Control of bacterial seedling rot of rice by avirulent strains of *Pseudomonas glumae*. *Annals of the Phytopathological Society of Japan* **57**, 371–376 (1991).
17. Shrestha, B.K., Karki, H.S., Groth, D.E., Jungkhun, N., Ham, J.H.: Biological control activities of rice-associated *Bacillus* sp. strains against sheath blight and bacterial panicle blight of rice. *PLOS ONE* **11**(1), e0146764 (2016).
18. Zhou, X.G.: Effects of cultivar resistance and biocontrol agent on spatial spread of bacterial panicle blight of rice. *Phytopathology* **104**, S3.137 (2014).
19. Perea-Molina, P.A., Pedraza-Herrera, L.A., Beauregard, P.B., Uribe-Vélez, D.: A biocontrol *Bacillus velezensis* strain decreases the pathogen *Burkholderia glumae* population and occupies a similar niche in rice plants. *Biological Control* **176**, 105067 (2022).
20. Ngaliat, M.S., Mohd Hata, E., Zulperi, D., Ismail, S.I., Ismail, M.R., Mohd Zainudin, N.A.I., Saidi, N.B., Yusof, M.T.: Induction of systemic resistance in rice plants against *Burkholderia glumae* infection by bioformulations of *Streptomyces* spp. under greenhouse conditions. *Biological Control* **184**, 105286 (2023).
21. Barraza Román, Z., Rodríguez Cabal, H.A., Lara Mantilla, M.C., Pérez Cordero, A., Monsalve Fonnegra, Z.I.: Endophyte-mediated biocontrol reduces the pathogenicity of *Burkholderia glumae* in rice seedlings (*Oryza sativa* L.). *Physiological and Molecular Plant Pathology* **133**, 102373 (2024).
22. Rashid, M.R., Muhammad Zaidi, A.B., Muhamad Shafiq, A.K., Noriha, M.A., Noor Azlina, M., Nur Sabrina, W., Hazalina, Z.: Biocontrol potential of rice-associated rhizobacteria isolated from Endau rice field against bacterial panicle blight of rice. *Transactions of the Malaysian Society of Plant Physiology* **30**, 190–194 (2023).
23. Roy Chowdhury, M., Mehmet, M., Mukherjee, J., Debnath, A.J., Ražná, K.: Chitosan as an elicitor in plant tissue cultures: Methodological challenges. *Molecules* **30**(17), 3476 (2025).
24. Akdaşı, E., Duman, H., Eker, F., Bechelany, M., Karav, S.: Chitosan and its nanoparticles: A multifaceted approach to antibacterial applications. *Nanomaterials* **15**(2), 126 (2025).
25. Akhter Bhat, T., Rather, R.A., Bashir, S., Mishra, N.S., John, R.: Nanoparticles in plant systems: Omics-based perspectives on stress adaptation and toxicological implications. *Plant Nano Biology* **13**, 100181 (2025).
26. Masarudin, M.J., Cutts, S.M., Pietersz, G.A., Evison, B.J., Phillips, D.R., Pigram, P.J.: Factors determining the stability, size distribution, and cellular accumulation of small,

12

- monodisperse chitosan nanoparticles as candidate vectors for anticancer drug delivery: Application to the passive encapsulation of [¹⁴C]-doxorubicin. *Nanotechnology, Science and Applications* **8**, 67–80 (2015).
27. IRRI (International Rice Research Institute): *Standard Evaluation System for Rice*. International Rice Research Institute, Manila (2013).
 28. Miljaković, D., Marinković, J., Balešević-Tubić, S.: The significance of *Bacillus* spp. in disease suppression and growth promotion of field and vegetable crops. *Microorganisms* **8**(7), 1037 (2020).
 29. Dimkić, I., Janakiev, T., Petrović, M., Degrassi, G., Fira, D.: Plant-associated *Bacillus* and *Pseudomonas* antimicrobial activities in plant disease suppression via biological control mechanisms—A review. *Physiological and Molecular Plant Pathology* **117**, 101754 (2022).
 30. Choudhary, D.K., Johri, B.N.: Interactions of *Bacillus* spp. and plants—with special reference to induced systemic resistance (ISR). *Microbiological Research* **164**(5), 493–513 (2009).
 31. Zhang, N., Wang, Z., Shao, J., Xu, Z., Liu, Y., Xun, W., Miao, Y., Shen, Q., Zhang, R.: Biocontrol mechanisms of *Bacillus*: Improving the efficiency of green agriculture. *Microbial Biotechnology* **16**(12), 2250–2263 (2023).
 32. Haque, Z., Khan, M.R.: Optimization of different application methods of multi-facial bacterial and fungal antagonists against sheath blight pathogen of rice, *Rhizoctonia solani* AG1-IA. *Journal of Phytopathology* **171**(1), 23–35 (2023).
 33. Paul, S.K., Medha, L.M., Mahmud, N.U., Gupta, D.R., Rahman, M., Islam, T.: Biocontrol of wheat blast by seed-associated *Bacillus* strains: Three-year field evaluation and comparison with chemical fungicide for disease control and yield optimization. *Plant Disease* (2026).
 34. Wang, X., He, M., Wang, X., Liu, S., Luo, L., Zeng, Q., Wu, Y., Zeng, Y., Yang, Z., Sheng, G., Ren, P.: Emerging nanochitosan for sustainable agriculture. *International Journal of Molecular Sciences* **25**(22), 12261 (2024).