

- Mediseti N., 2025, The impact of bio-fertilizers on vegetable crops, *International Journal of Advanced Research*, 13(6): 1335-1340.
- Mitter E.K., Tosi M., Obregón D., Dunfield K.E., and Germida J.J., 2021, Rethinking crop nutrition in times of modern microbiology: innovative biofertilizer technologies, *Frontiers in Sustainable Food Systems*, 5: 606815.
<https://doi.org/10.3389/fsufs.2021.606815>
- Moulin C., Pruneau L., Vaillant V., and Loranger-Merciris G., 2023, Impacts of agroecological practices on soil microbial communities in experimental open-field vegetable cropping systems, *FEMS Microbiology Ecology*, 99(5): fiad030.
<https://doi.org/10.1093/femsec/fiad030>
- Nabati J., Nezami A., Yousefi A.R., Oskoueian E., Oskoueian A., and Ahmadi-Lahijani M.J., 2025, Biofertilizers containing plant growth promoting rhizobacteria enhance nutrient uptake and improve the growth and yield of chickpea plants in an arid environment, *Scientific Reports*, 15: 93070.
<https://doi.org/10.1038/s41598-025-93070-w>
- Nosheen S., Ajmal I., and Song Y., 2021, Microbes as biofertilizers, a potential approach for sustainable crop production, *Sustainability*, 13(4): 1868.
<https://doi.org/10.3390/su13041868>
- O'Callaghan M., Ballard R.A., and Wright D., 2022, Soil microbial inoculants for sustainable agriculture: limitations and opportunities, *Soil Use and Management*, 38(3): 1340-1369.
<https://doi.org/10.1111/sum.12811>
- Pei B., Liu T., Xue Z., Cao J., Zhang Y., Yu M., Liu E., Xing J., Wang F., Ren X., and Zhang Z., 2025, Effects of biofertilizer on yield and quality of crops and properties of soil under field conditions in China: a meta-analysis, *Agriculture*, 15(10): 1066.
<https://doi.org/10.3390/agriculture15101066>
- Prisa D., Fresco R., and Spagnuolo D., 2023, Microbial biofertilisers in plant production and resistance: a review, *Agriculture*, 13(9): 1666.
<https://doi.org/10.3390/agriculture13091666>
- Raimi A., Ezeokoli O.T., and Adeleke R., 2023, Soil nutrient management influences diversity, community association and functional structure of rhizosphere bacteriome under vegetable crop production, *Frontiers in Microbiology*, 14: 1229873.
<https://doi.org/10.3389/fmicb.2023.1229873>
- Samantaray A., Chattaraj S., Mitra D., Ganguly A., Kumar R., Gaur A., Mohapatra P.K.D., Santos-Villalobos S., Rani A., and Thatoi H., 2024, Advances in microbial based bio-inoculum for amelioration of soil health and sustainable crop production, *Current Research in Microbial Sciences*, 7: 100251.
<https://doi.org/10.1016/j.crmicr.2024.100251>
- Schenk P.M., Batool M., Mirzaee H., and Abbott A., 2024, Customized plant growth promotion with soil- and cultivar-compatible microbial biofertilizers, *Agronomy*, 14(9): 1915.
<https://doi.org/10.3390/agronomy14091915>
- Schnecker J., Balaszti L., Gündler P., Pleitner M., Sandén T., Simon E., Spiegel F., Spiegel H., Malo C., Zechmeister-Boltenstern S., and Richter A., 2023, Seasonal dynamics of soil microbial growth, respiration, biomass, and carbon use efficiency in temperate soils, *Geoderma*, 433: 116693.
<https://doi.org/10.1016/j.geoderma.2023.116693>
- Shahwar D., Mushtaq Z., Mushtaq H., Alqarawi A.A., Park Y., Alshahrani T.S., and Faizan S., 2023, Role of microbial inoculants as bio fertilizers for improving crop productivity: a review, *Heliyon*, 9(6): e16134.
<https://doi.org/10.1016/j.heliyon.2023.e16134>
- Shen W., Hu M., Qian D., Xue H., Gao N., and Lin X., 2021, Microbial deterioration and restoration in greenhouse-based intensive vegetable production systems, *Plant and Soil*, 463: 1-18.
<https://doi.org/10.1007/s11104-021-04933-w>
- Tao C., Li R., Xiong W., Shen Z., Liu S., Wang B., Ruan Y., Geisen S., Shen Q., and Kowalchuk G.A., 2020, Bio-organic fertilizers stimulate indigenous soil *Pseudomonas* populations to enhance plant disease suppression, *Microbiome*, 8: 137.
<https://doi.org/10.1186/s40168-020-00892-z>
- Timofeeva A., Galyamova M., and Sedykh S., 2023, Plant growth-promoting soil bacteria: nitrogen fixation, phosphate solubilization, siderophore production, and other biological activities, *Plants*, 12(24): 4074.
<https://doi.org/10.3390/plants12244074>
- Trinchera A., Migliore M., Raffa D., Ommeslag S., Debode J., Shanmugam S., Dane S., Babry J., Kivijarvi P., Kristensen H.L., Lepse L., Salo T., Campanelli G., and Willekens K., 2022, Can multi-cropping affect soil microbial stoichiometry and functional diversity, decreasing potential soil-borne pathogens? A study on European organic vegetable cropping systems, *Frontiers in Plant Science*, 13: 952910.
<https://doi.org/10.3389/fpls.2022.952910>
- Wang J., Liu L., Gao X., Hao J., and Wang M., 2021, Elucidating the effect of biofertilizers on bacterial diversity in maize rhizosphere soil, *PLoS ONE*, 16(4): e0249834.
<https://doi.org/10.1371/journal.pone.0249834>
- Wang J., Sun L., Sun Y., Yang S., Qin Q., and Xue Y., 2025, Integrated enzyme activities and untargeted metabolome to reveal the mechanism that allow long-term biochar-based fertilizer substitution improves soil quality and maize yield, *Environmental Research*, 270: 120935.
<https://doi.org/10.1016/j.envres.2025.120935>
- Wang T., Cheng K., Huo X., Meng P., Cai Z., Wang Z., and Zhou J., 2022, Bioorganic fertilizer promotes pakchoi growth and shapes the soil microbial structure, *Frontiers in Plant Science*, 13: 1040437.
<https://doi.org/10.3389/fpls.2022.1040437>