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- [8] Abd El-Hack, M. E., Alqhtani, A. H., Swelum, A. A., El-Saadony, M. T., Salem, H. M., Babalghith, A. O., and El-Tarabily, K. A. Pharmacological, nutritional and antimicrobial uses of Moringa oleifera Lam. leaves in poultry nutrition: an updated knowledge. *Poultry science*, *101*(9), 102031. 2022. doi:10.1016/j.psj.2022.102031.
- [9] Sharma, K., Kumar, M., Waghmare, R., Suhag, R., Gupta, O. P., Lorenzo, J. M., and Kennedy, J. F. Moringa (Moringa oleifera Lam.) polysaccharides: Extraction, characterization, bioactivities, and industrial application. *International Journal of Biological Macromolecules*, *209*, 763-778. 2022. doi:10.1016/j.ijbiomac.2022.04.047.
- [10] Włoch, W., Iqbal, M., and Jura-Morawiec, J. Calculating the Growth of Vascular Cambium in Woody Plants as the Cylindrical Surface. *The Botanical Review*, 1-13. 2023. doi:10.1007/s12229-023-09291-z.
- [11] El-Ramady, H., Hajdú, P., Törös, G., Badgar, K., Llanaj, X., Kiss, A., and Prokisch, J. Plant nutrition for human health: A pictorial review on plant bioactive compounds for sustainable agriculture. *Sustainability*, *14*(14), 8329. 2022. doi:10.3390/su14148329.
- [12] Dzuvor, C. K., Pan, S., Amanze, C., Amuzu, P., Asakiya, C., and Kubi, F. Bioactive components from Moringa oleifera seeds: production, functionalities and applications—a critical review. *Critical Reviews in Biotechnology*, *42*(2), 271-293. 2022. doi:10.1080/07388551.2021.1931804.
- [13] Buthelezi, N. M. D., Ntuli, N. R., Mugivhisa, L. L., and Gololo, S. S. Moringa oleifera Lam. Seed Extracts Improve the Growth, Essential Minerals, and Phytochemical Constituents of *Lessertia frutescens* L. *Horticulturae*, *9*(8), 886. 2023. doi:10.3390/horticulturae9080886
- [14] Johnson, R., Vishwakarma, K., Hossen, M. S., Kumar, V., Shackira, A. M., Puthur, J. T., and Hasanuzzaman, M. Potassium in plants: Growth regulation, signaling, and environmental stress tolerance. *Plant Physiology and Biochemistry*, *172*, 56-69. 2022. doi:10.1016/j.plaphy.2022.01.001
- [15] Horn, L., Shakela, N., Mutorwa, M. K., Naomab, E., and Kwaambwa, H. M. Moringa oleifera as a sustainable climate-smart solution to nutrition, disease prevention, and water treatment challenges: a review. *Journal of Agriculture and Food Research*, 100397. 2022. doi:10.1016/j.jafr.2022.100397.
- [16] Bustami, R. A., Beecham, S., & Hopeward, J. The influence of plant type, substrate and irrigation regime on living wall performance in a semi-arid climate. *Environments*, *10*(2), 26. 2023. doi:10.3390/environments10020026.
- [17] Azmat, R., Saleem, A., Ahmed, W., Qayyum, A., El-Serehy, H. A., and Ali, S. The Investigation of the Impact of Toxicity of Metals on Oxygen-Evolving Complex in *Spinacia oleracea*. *Antioxidants*, *11*(9), 1802. 2022. doi:10.3390/antiox11091802.
- [18] Sun, S., Feng, Y., Huang, G., Zhao, X., and Song, F. Rhizophagus irregularis enhances tolerance to cadmium stress by altering host plant hemp (*Cannabis sativa* L.) photosynthetic properties. *Environmental Pollution*, *314*, 120309. 2022. doi:10.1016/j.envpol.2022.120309.
- [19] Booth, M. W., Breed, M. F., Kendrick, G. A., Bayer, P. E., Severn-Ellis, A. A., and Sinclair, E. A. Tissue-specific transcriptome profiles identify functional differences key to understanding whole plant response to life in variable salinity. *Biology Open*, *11*(8), bio059147. 2022. doi: 10.1242/bio.059147.
- [20] Buturi, C. V., Sabatino, L., Mauro, R. P., Navarro-León, E., Blasco, B., Leonardi, C., and Giuffrida, F. Iron biofortification of greenhouse soilless lettuce: An effective agronomic tool to improve the dietary mineral intake. *Agronomy*, *12*(8), 1793. 2022. doi:10.3390/agronomy12081793.
- [21] Peralta-Sánchez, M. G., Gómez-Merino, F. C., Tejada-Sartorius, O., and Trejo-Téllez, L. I. Nitrogen Nutrition Differentially Affects Concentrations of Photosynthetic Pigments and Antioxidant Compounds in Mexican Marigold (*Tagetes erecta* L.). *Agriculture*, *13*(3), 517. 2023. doi:10.3390/agriculture13030517.
- [22] Stangoulis, J. C., and Knez, M. Biofortification of major crop plants with iron and zinc-achievements and future directions. *Plant and Soil*, *474*(1-2), 57-76. 2022. doi:10.1007/s11104-022-05330-7.
- [23] Fathy, M., Saad Eldin, S. M., Naseem, M., Dandekar, T., and Othman, E. M. Cytokinins: Wide-spread signaling hormones from plants to humans with high medical potential. *Nutrients*, *14*(7), 1495. 2022. doi:10.3390/nu14071495.
- [24] Sari, P. N., Auliya, M., Fariyah, U., and Nasution, N. E. A. The effect of applying fertilizer of moringa leaf (*Moringa oleifera*) extract and rice washing water to the growth of pakcoy plant (*Brassica rapa* L. spp. *Chinensis* (L.)). In *Journal of Physics: Conference Series* (Vol. 1563, No. 1, p. 012021). IOP Publishing. (2020, June). doi:10.1088/1742-6596/1563/1/012021.
- [25] Li, C., Zhao, Y., Wang, Y., Li, L., Yang, X., Chen, S., and Zhou, W. Microbial community changes induced by *Pediococcus pentosaceus* improve the physicochemical properties and safety in fermented tilapia sausage. *Food Research International*, *147*, 110476. 2021. doi:10.1016/j.foodres.2021.110476.
- [26] Khalid, S., Arshad, M., Mahmood, S., Ahmed, W., Siddique, F., Khalid, W., and Hassan, F. A. Nutritional and phytochemical screening of Moringa oleifera leaf powder in aqueous and ethanol extract. *International Journal of Food Properties*, *26*(1), 2338-2348. 2023. doi:10.1080/10942912.2023.2246685.
- [27] Mashamaite, C. V., Ngcobo, B. L., Manyevere, A., Bertling, I., and Fawole, O. A. Assessing the usefulness of Moringa oleifera leaf extract as a biostimulant to supplement synthetic fertilizers: A Review. *Plants*, *11*(17), 2214. 2022. doi:10.3390/plants11172214.
- [28] Karthiga, D., Chozhavendhan, S., Gandhiraj, V., and Aniskumar, M. The effects of Moringa oleifera leaf extract as an organic biostimulant for the growth of various plants. *Biocatalysis and Agricultural Biotechnology*, 102446. 2022. doi:10.1016/j.bcab.2022.102446.
- [29] Hafeez, A., Tipu, M. I., Saleem, M. H., Al-Ashkar, I., Saneoka, H., and El Sabagh, A. Foliar application of moringa leaf extract (MLE) enhanced antioxidant system, growth, and biomass related attributes in safflower plants. *South African Journal of Botany*, *150*, 1087-1095. 2022. doi:10.1016/j.sajb.2022.09.021.
- [30] Atan, F., Rosliza, R., and Syahidah, W. W. The efficiency of moringa leaf (*Moringa Oleifera*) as green material carbon steel corrosion inhibitor for different concentration of sea water. In *Journal of Physics: Conference Series* (Vol. 2266, No. 1, p. 012009). IOP Publishing. (2022, May). doi:10.1088/1742-6596/2266/1/012009.
- [31] Alghanim, F. S., Al-Hadethi, M. M. E. A., and Yaviç, A. Response of Apple Trees Performance to Moringa Extract, Humic Acid, and Liquid Organic Fertilizers (Vit-Org). *Journal of Plant Production*, 313-317. 2023. doi:10.21608/jpp.2023.213580.1244.