

Relevance of Biofertilizers to Agriculture

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ABSTRACT In the rhizosphere (the crop root or its close vicinity) microorganisms are abundantly present and they are in millions. The rhizobacteria do not only gain from the nutrients produced from the crop root but also positively affect the crop and this result in stimulation of the crop's growth. These bacteria are referred to as Plant Growth Promoting Rhizobacters (PGPRs) and they have been grouped according to their activities. PGPRs have the potential of acting as crop strengtheners, phytostimulators and plant health improvers. The objective of this write up is to shed light on the possibility of using these for the improvement of agriculture. Undoubtedly, if the use of these organisms is appropriately managed by farmers, it will help in effecting better wellbeing of crops and it will thereby improve food safety.