



Biodiversity in Agricultural Production Systems (Hardback)

By -

Taylor Francis Inc, United States, 2006. Hardback. Book Condition: New. 254 x 180 mm. Language: English . Brand New Book. While modern science has always recognized the central role that biodiversity plays in the ecological processes that maintain the Earth's equilibrium, our increasing knowledge of nature has deepened our appreciation of this principle. Consequently, those involved with implementing and maintaining sustainable agriculture systems have begun to take a far more sophisticated approach to understanding and making use of the components and mechanics of biodiversity. Providing a comprehensive and highly practical exploration of the subject, Biodiversity in Agricultural Production Systems examines abiotic ecosystem diversity and biological complexity at every relevant level. Leading researchers detail subspecies diversity, covering ecotypes, lifecycles, genes, physiology, and behavior. They also discuss species richness and supraspecies diversity, which includes foodweb interactions and non-trophic relationships, as well as above- and belowground relationships. Exploring various facets of agricultural crops and cultivation practices, this inter-disciplinary volume- * Gives an overview of the pore space dynamic in agroecosystems where most soil microorganisms reside, including bacteria, fungi, protozoa, nematodes, and Tardigrada * Examines the highly diverse and prominent role played by earthworms * Looks at the metabolic processes occurring in soils...



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