

IMPORTANCE AND BENEFITS OF USING WASTEWATER IN IRRIGATION FARMING

Introduction. Issues related to water scarcity around the world are recognized as one of the main problems for the sustainable development of sectors of the economy. In particular, according to the United Nations Food and Agriculture Organization (FAO), "By 2050, the demand for water consumed for the purpose of agricultural, industrial and domestic needs is expected to increase by 50 percent to supply the world's 10 billion inhabitants" [10]. Also, according to a UNESCO report prepared until 2030 (WWAP), "global water supply can shrink by 10 percent in 2030 and by 25 percent in 2050" [11]. At the same time, the global practice of water resources of the World Bank states that "at a time when 36% of the world's population lives in water-scarce areas, sewage treatment and reuse are one of the effective solutions to water scarcity and pollution problems" [12].

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