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WATER USE EFFICIENCY IN WHEAT AFFECTED BY TILLAGE

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A field experiment pertaining to water use efficiency in wheat affected by tillage practices was conducted at the research farm of University of Arid Agriculture, Rawalpindi (Pakistan) during winter 2003-04, on a sandy loam soil. The tillage treatments practices employed were conventional tillage, zero tillage, deep tillage and raised bed plantation. Plant growth and yield contributing parameters like number of spikelets per spike, number of grains per spike, 1000- grain weight, grain yield and straw yield was maximum in deep tillage and minimum in zero tillage plots. A similar trend was also observed for water use efficiency .