Experimental results regarding the influence of watering methods and weed controlling on tomatoes water consumption

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In the present experiment we establish an experimental field, in which we had some areas irrigated by dripping and others irrigated by furrows. In these areas we applied 3 different ways of weeding: in each case we applied 2 herbicide treatments and a different number of weedings (1-2-3).
Thus, we were able to follow the influence of the watering method and that of a higher or lower number of weedings on the tomato yield and on the crop's water consumption; of course, the weedings fight the weeds, that represent water consumers, but, as any other soil work, they lead to the increase of evaporation.
The experimental results show us that weedings lead, though, to the obtaining of higher crops, thus justifying the supplementary expenses with the irrigation water.