

Evaluation of effective strategies to improve the management and exploit of irrigation networks (Case study: Miandoab Plain)

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ABSTRACT:

Restriction of water resources and intensification of restrictions arising from the continued increase and the amount of demand in various sectors of agriculture has led the management of irrigation networks more important to increase the water use efficiency. The main objective of this study was to evaluate effective strategies to improve the management and exploit irrigation networks (Case study: the farmers in Miandoab Township). The statistical population in this study is farmers in Miandoab Township which were about 2581 people. Through Cochran formula the sample size was calculated as 150 people. This research was carried out by descriptive- survey method and data were ranked, analyzed and identified. The results showed that from the viewpoint of farmers, the use of reliable local people in cooperatives related to irrigation networks has many advantages. From the perspective of farmers to improve the operation management of irrigation networks, the region needs to be improved in terms of irrigation canals.

Keywords:

Strategy, irrigation network, Miandoab