Influence of irrigation schedules based on IW:CPE ratios and herbicidal weed control in isabgul (*Plantago ovata* Forsk)

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ABSTRACT

Application of isoproturon was most effective for the control of all weeds, which resulted in 99.32% weed control efficiency and 49.00% higher mean seed yield over unweeded control. The higher WUE (3.606 kg ha\(^{-1}\) mm\(^{-1}\)) was observed under 0.4 IW:CPE ratio and higher net return (Rs ha\(^{-1}\) 28904) were obtained under the treatment combination (0.4 IW:CPE ratio and application of isoproturon @ 0.5 kg ha\(^{-1}\) as pre-emergence). The interaction effect of irrigation schedule and herbicidal weed control practices was found non-significant in some cases.

Key words: Isabgul, *Plantago ovata*, *Blonde psyllium*, Irrigation, IW:CPE ratio, Herbicide