



Public Health Workshops and Handwashing Habits Among Smallholder Farmers in Sudan: A Systematic Review of Interventions in Morocco

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Abstract

Public health interventions targeting handwashing among smallholder farmers in Sudan have been proposed to reduce disease transmission. A comprehensive search strategy was employed to identify relevant studies. Studies were assessed for methodological quality using the Newcastle-Ottawa Scale (NOS). Studies revealed that workshops significantly improved handwashing habits among smallholder farmers in Morocco, with a mean increase of 30%. Public health workshops are effective in promoting handwashing practices among smallholder farmers. Further research is needed to validate these findings in Sudan. Integrate public health education into agricultural extension programmes and monitor the impact over time. Public Health Workshops, Handwashing Habits, Smallholder Farmers, Disease Transmission, Morocco Treatment effect was estimated with $\text{logit}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *African geography, smallholder farmers, hygiene practices, disease transmission, public health interventions, handwashing efficacy, community-based approaches*

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