

DENITRIFICATION LOSS FROM IRRIGATED CROPLANDS IN THE FAISALABAD REGION – A REVIEW OF THE AVAILABLE DATA

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ABSTRACT

Field measurements of nitrogen loss from irrigated croplands have been lacking under agroclimatic conditions in Pakistan. It is only recently that field studies on denitrification and total fertilizer N losses were reported from some irrigated croplands in the Faisalabad region. This paper reviews the available data on the directly measured denitrification loss from maize, wheat and cotton, and the fate of ¹⁵N-labeled fertilizer applied to these crops under irrigated field conditions.