



UNIVERSITY OF SWAZILAND

UNISWA RESEARCH JOURNAL

OF

AGRICULTURE, SCIENCE AND TECHNOLOGY

A Publication of the Faculties of Agriculture, Health Sciences and,

Science and Engineering

University of Swaziland

Volume 15, No. 1

November 2014

ISSN: 1029-9645

<http://www.ajol.info/>

<http://ojs.uniswa.sz>

UNISWA RESEARCH JOURNAL OF AGRICULTURE, SCIENCE AND TECHNOLOGY

A PUBLICATION OF THE FACULTIES OF AGRICULTURE, HEALTH SCIENCES
AND SCIENCE AND ENGINEERING
UNIVERSITY OF SWAZILAND

Members of the Editorial Board

Prof. H.Mloza-Banda - Editor and Chairman

Prof. D.A. Otieno – Deputy Editor

Dr. E. Bhebhe – Member

Dr. S.I. Sithole – Member

Prof. O.T. Edje – Secretary to Editorial Board

ABOUT THE JOURNAL

The UNISWA Research Journal of Agriculture, Science and Technology was established by the UNISWA Research Board of the University of Swaziland with the objective of providing a forum for addressing, in an integrated manner, all aspects of agriculture, science and technology. The journal is an offspring of the UNISWA Research Journal, which was established in 1998, and had published nine volumes by 1995, focusing on one particular discipline from time to time. In mid-1995, the UNISWA Research Board decided that the UNISWA Research Journal be split into two, with one focusing on agriculture, science and technology and the other, on humanities and social science, hence this journal.

Copyright: UNISWA Research Journal of Agriculture, Science and Technology is copyrighted, and those wishing to use data or illustrations from the journal in other publications, should obtain written permission from the University of Swaziland, and include acknowledgement of the journal as the source of the material.

Disclaimer: All papers published in the journal reflect views of the authors and not necessarily those of UNISWA Research Journal of Agriculture, Science and Technology.

CONTENTS

Design, construction and use of solar stills for water purification: A study of their performance in two geographical regions in Swaziland A. J. Varkey and M. D. Dlamini	1
Vitamin A and mineral content of some common vegetables consumed in Swaziland G. C. Bwembya, J. M. Thwala, D. A. Otieno	20
Effects of salinity stress on vegetative growth of chrysanthemum [<i>Dendranthema glandiflora</i> Kitam.] N. P. Shongwe and P. K. Wahome	38
Socio-economic and hygienic aspects of street food vending in Maseru City, Lesotho T. H. Gadaga¹, M. M. Ntsike², V. Ntuli³	59