



AgEcon SEARCH
RESEARCH IN AGRICULTURAL & APPLIED ECONOMICS

The World's Largest Open Access Agricultural & Applied Economics Digital Library

This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.

Help ensure our sustainability.

Give to AgEcon Search

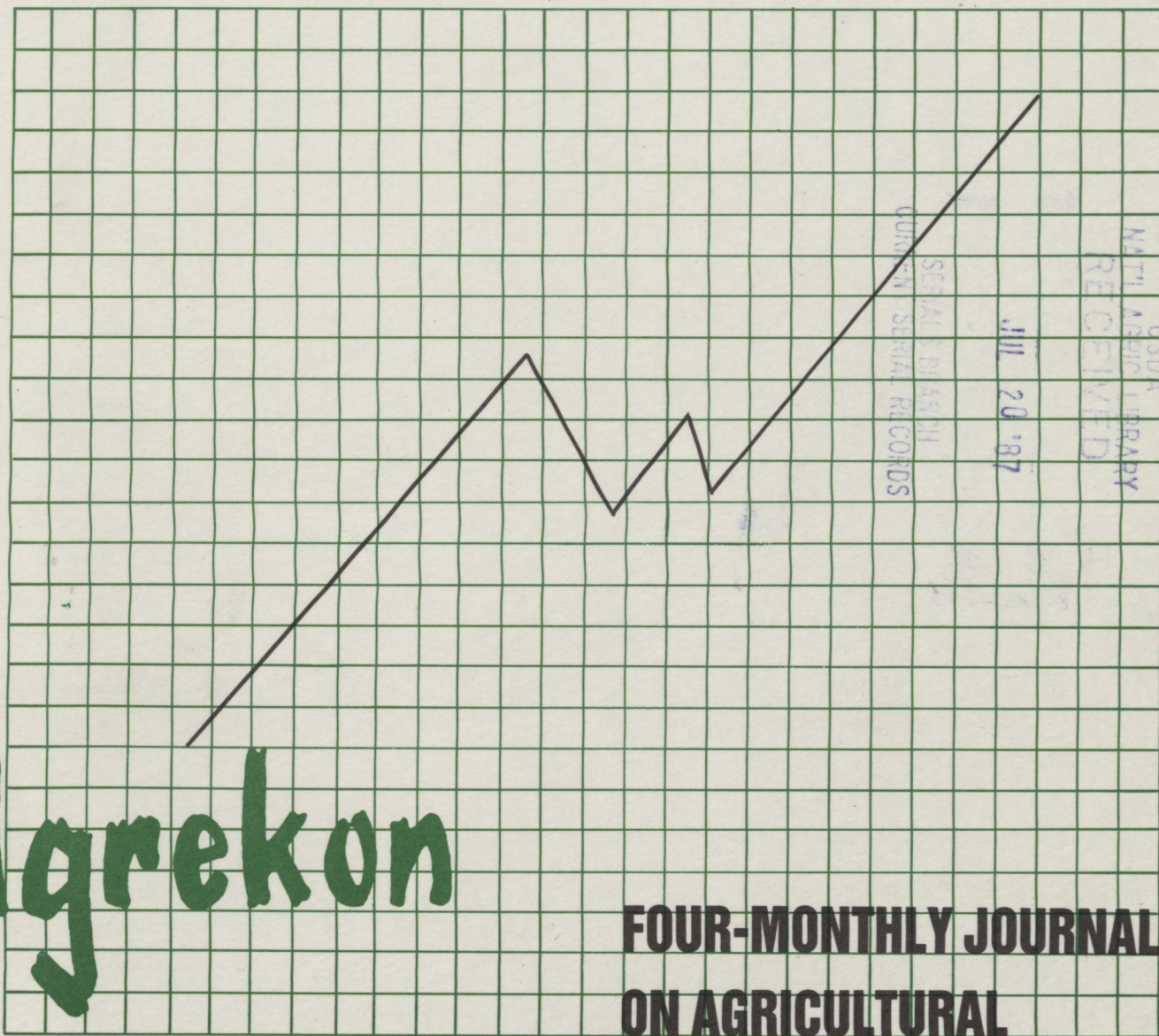
AgEcon Search
<http://ageconsearch.umn.edu>
aesearch@umn.edu

*Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.*

281-8
Ag 835
C2

Vol. 25 No. 3
OCTOBER 1986

Price R2,00
(R1,79 + 21c GST)



Agrekon

**FOUR-MONTHLY JOURNAL
ON AGRICULTURAL
ECONOMICS**

Issued by the Department of Agricultural Economics and Marketing

Agrekon

VOL. 25 No. 3

OCTOBER 1986

EDITORIAL COMMITTEE

Mr H.S. Hattingh (Chairman), Mr C.J. Bester, Prof J.A. Groenewald, Mr S.P. van Wyk, Mr J.S.G. Joubert, Mr G.J. Wissing (Editor), Miss A. Visagie (Assistant Editor), Miss A. Fourie (Technical Editing)

REQUIREMENTS FOR CONTRIBUTIONS

Articles in the field of agricultural economics, suitable for publication in the journal, will be welcomed.

Articles should have a maximum length of 6 500 words (including tables, graphs, etc.) typewritten in double spacing. Contributions, in the language preferred by the writer, accompanied by an abstract of not more than 150 words, should be submitted in triplicate to the Editor, "Agrekon", Department of Agricultural Economics and Marketing, Private Bag X250, Pretoria, 0001.

The journal is obtainable from the distributors: "AGREKON", Private Bag X144, Pretoria, 0001.

The dates of publication are February, June and October.

"AGREKON" is also published in Afrikaans.

Opinions expressed in Agrekon do not necessarily reflect the views of the Editorial Committee or the Department of Agricultural Economics and Marketing

ISSN 0303-1861

Published by the Department of Agriculture and Water Supply,
Directorate of Agricultural Information, Private Bag X144, Pretoria 0001

Printed in the Republic of South Africa by the Government Printer,
Pretoria

1987

CONTENTS

	Page
I. CHANGE IN AGRICULTURE : Papers read at the annual conference of the Agricultural Economics Association of South Africa : Durban : 5 May 1986	1
1. Presidential Address — W.L. Nieuwoudt	2
2. Macro-economic policy as a source of agricultural change — L. Tweeten	5
3. Changes in farming and financial management : Implications for the future — A. Louw	11
4. Change in the agricultural political market : Implications for the future — W.E. Kassier	18
5. Is the agricultural-political market efficient? — C.J. Weiers	23
6. Rural development strategies for Southern Africa — T.J. September	28
II. ARTICLES	31
1. The competitive position of South African agriculture : An analysis of supply and demand — W.L. Nieuwoudt	32
2. Effect of variable water supply and quality on desirable crop production patterns — J.A. Groenewald and J. van Zyl	39
3. A statistical analysis of the demand for maize in South Africa — J. van Zyl	45
4. The effect of inflation on agricultural production under conditions of risk — J. van Zyl	52
5. Duality and elasticities of substitution I : Theoretical considerations — J. van Zyl	60
6. Duality and elasticities of substitution II : An empirical application — J. van Zyl	65
III. ANNOUNCEMENTS, COMMENTS AND NOTES	70

CHANGE IN AGRICULTURE

**Papers read at the annual conference
of the Agricultural Economics Association
of South Africa : Durban**

5 MAY 1986