



Department of  
Agriculture and Food



# Journal of the Department of Agriculture, Western Australia, Series 4

---

Volume 25  
Number 3 1984

Article 1

---

1-1-1984

## Contents

Department of Agriculture, Western Australia

Follow this and additional works at: [https://researchlibrary.agric.wa.gov.au/journal\\_agriculture4](https://researchlibrary.agric.wa.gov.au/journal_agriculture4)

---

### Recommended Citation

Department of Agriculture, Western Australia (1984) "Contents," *Journal of the Department of Agriculture, Western Australia, Series 4*: Vol. 25 : No. 3 , Article 1.

Available at: [https://researchlibrary.agric.wa.gov.au/journal\\_agriculture4/vol25/iss3/1](https://researchlibrary.agric.wa.gov.au/journal_agriculture4/vol25/iss3/1)

This front matter is brought to you for free and open access by Research Library. It has been accepted for inclusion in Journal of the Department of Agriculture, Western Australia, Series 4 by an authorized administrator of Research Library. For more information, please contact [jennifer.heathcote@agric.wa.gov.au](mailto:jennifer.heathcote@agric.wa.gov.au), [sandra.papenfus@agric.wa.gov.au](mailto:sandra.papenfus@agric.wa.gov.au).

## **IMPORTANT DISCLAIMER**

This document has been obtained from DAFWA's research library website ([researchlibrary.agric.wa.gov.au](http://researchlibrary.agric.wa.gov.au)) which hosts DAFWA's archival research publications. Although reasonable care was taken to make the information in the document accurate at the time it was first published, DAFWA does not make any representations or warranties about its accuracy, reliability, currency, completeness or suitability for any particular purpose. It may be out of date, inaccurate or misleading or conflict with current laws, policies or practices. DAFWA has not reviewed or revised the information before making the document available from its research library website. Before using the information, you should carefully evaluate its accuracy, currency, completeness and relevance for your purposes. We recommend you also search for more recent information on DAFWA's research library website, DAFWA's main website (<https://www.agric.wa.gov.au>) and other appropriate websites and sources.

Information in, or referred to in, documents on DAFWA's research library website is not tailored to the circumstances of individual farms, people or businesses, and does not constitute legal, business, scientific, agricultural or farm management advice. We recommend before making any significant decisions, you obtain advice from appropriate professionals who have taken into account your individual circumstances and objectives.

The Chief Executive Officer of the Department of Agriculture and Food and the State of Western Australia and their employees and agents (collectively and individually referred to below as DAFWA) accept no liability whatsoever, by reason of negligence or otherwise, arising from any use or release of information in, or referred to in, this document, or any error, inaccuracy or omission in the information.

---

# JOURNAL OF Agriculture

N° 3 1984 

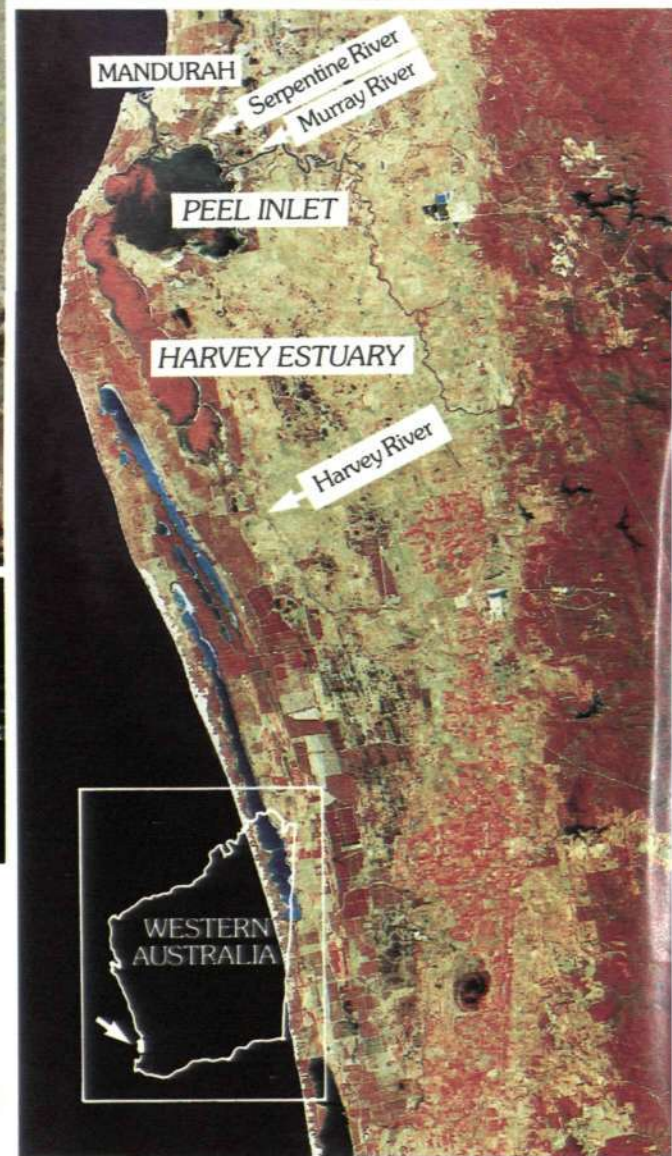
Western Australian  
Department of Agriculture

Recommended Retail Price \$3.00



PEEL-HARVEY  
Estuarine System

■ Map of false colour composite of LANDSAT scene on December 4, 1980. The red in the Harvey Estuary and the north-west corner of the Peel Inlet indicates the *Nodularia* bloom.



## CONTENTS

- 80 Algal problems of the estuary
- 82 Algal growth and the phosphorus cycle
- 84 Soil types and drainage
- 86 The soil phosphorus store
- 87 Modifying fertiliser practices
- 92 Soil improvement with bauxite residue
- 94 Alternative pasture species for deep sands
- 96 Alternative land uses
- 98 The extension programme
- 100 Tackling the problem off the farm
- 102 New developments in footrot control
- 106 Bush flies—where they all come from
- 108 Selecting new kinds of dung beetles for better bush fly control
- 111 The stripe rust threat

**Journal of Agriculture—Western Australia**  
**Volume 25, No. 3 (4th Series) 1984**  
**ISSN 0021-8618**

Issued by direction of the Minister for Agriculture and published four times a year by the Department of Agriculture, Western Australia.

Editor: G. P. Ayling. Design: L. T. Webb, J. S. Mallard.

Cover: Simon Eyres found these early morning fishermen on the Harvey Estuary.

Articles which appear in this Journal may be freely reprinted provided that the Department and the author(s) are acknowledged.

Subscriptions: Journal only, \$15.00 a year in Western Australia; \$20.00 inc. airmail elsewhere. Journal plus Farmnotes (Direct Mail Service) \$20.00 per year. To Department of Agriculture, Jarrah Road, South Perth, Western Australia 6151.

■ Thanks to the Departments of Conservation and Environment, Public Works, Forests and Lands and Surveys; Alcoa of Australia and the University of Western Australia for many of the photographs in this Journal.