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**Australian Centre for  
 International Agricultural Research**

**GRDC**  
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# Crop yields and global food security

**Will yield increase  
 continue to feed the world?**

The Australian Centre for International Agricultural Research (ACIAR) is pleased to announce the release of an invaluable reference book on opportunities for crop yield increase to feed the world to 2050.

The book by world-renowned agricultural scientists Tony Fischer, Derek Byerlee and Greg Edmeades is aimed at agricultural scientists and economists, decision-makers in the food production industry, concerned citizens and tertiary students. It is simple in presentation and comprehensive in content.

## THE BOOK PROVIDES:

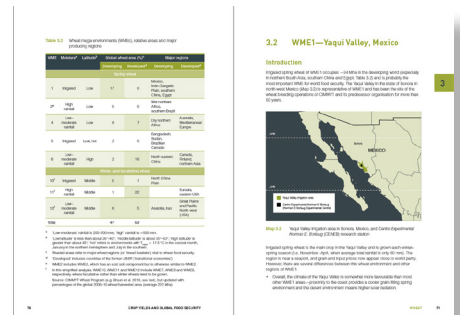
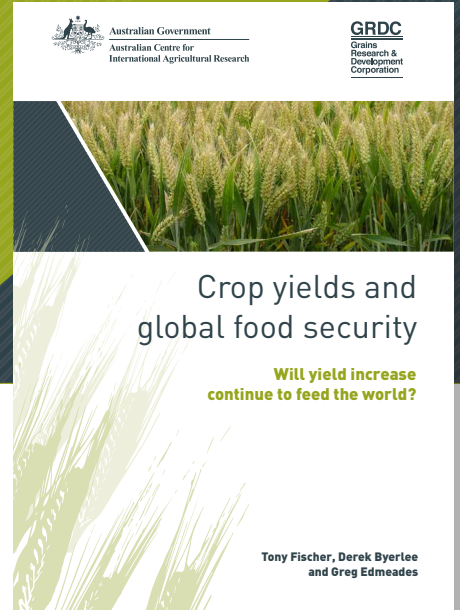
- **information on crop area and yield change for wheat, rice, maize, soybean, and 20 other important crops**
- **a detailed tour of the key breadbasket regions of the world to understand progress in crops yields over the past 20 years**
- **a discussion of ways for achieving the target yield goals to enable food security without a substantial increase in cultivated lands**
- **implications of further yield increase for resource use, agricultural sustainability and the environment.**

### Topics include:

molecular biology, crop physiology, crop agronomy, private plant breeding, genetic engineering, conservation agriculture, herbicide resistance, organic farming, agricultural extension, resource productivity, policy, trade, farm ownership, environmental degradation and climate change.

*“ These three wise men who understand agriculture better than just about anyone have homed in on the critical questions and taken an unbiased look at the evidence.”*

David Lobell, Macarthur Fellow (2014–18),  
 Stanford University, California, USA



## HOW TO ORDER

**CROP YIELDS AND GLOBAL FOOD SECURITY: will yield increases continue to feed the world?**

has been published by ACIAR with assistance from the Grains Research and Development Corporation (GRDC).

The 640-page book is available for purchase (A\$85, incl. GST, plus postage) from ACIAR's website [aciar.gov.au/publication/mn158](http://aciar.gov.au/publication/mn158).

Contact ACIAR Communications to arrange for bulk-order discounts, or sale on consignment:

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