

# **THE PRINCIPLES OF AGRICULTURE**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649679676

The Principles of Agriculture by William Bland

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd.  
Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

[www.triestepublishing.com](http://www.triestepublishing.com)

**WILLIAM BLAND**

**THE PRINCIPLES  
OF AGRICULTURE**



**THE**  
**PRINCIPLES OF AGRICULTURE.**



THE  
PRINCIPLES OF AGRICULTURE.

BY  
WILLIAM BLAND, M.R.A.S.,  
AUTHOR OF PRINCIPLES OF CONSTRUCTION IN ARCHES, PIERS,  
BUTTRESSES, ETC.

— "bis quæ solem, bis frigora sensit."—VIRGIL.

"Science possesses the true key to man's omnipotence over matter."

Second Edition.

LONDON:  
LONGMAN, GREEN, LONGMAN, ROBERTS, & GREEN,  
PATERNOSTER ROW.

MDCCLXIV.

~~180. 6. 88~~  
191. 6. 59.



T. RICHARDS, 37, GREAT QUEEN STREET. W.C.



The Second Edition  
IS  
DEDICATED  
TO THE  
PRESIDENT AND MEMBERS  
OF THE  
SITTINGBOURNE AND MILTON  
AGRICULTURAL CLUB,  
TO WHOM THE AUTHOR IS INDEBTED FOR HIGHLY VALUABLE  
AND PRACTICAL INFORMATION.

---

President: SIR J. M. TYLDEN.

Members:

MR. BLAND, Hon. Sec.	CAPTAIN J. LAKE.
MR. G. COBB.	MR. C. LAKE.
LIEUT.-COL. DYKE.	MR. W. LAKE.
MR. G. ELEY, Hon. Sec.	MR. MURTON.
MR. T. KNIGHT.	MR. W. WALTER.
MR. E. KNIGHT.	



## PREFACE

TO THE FIRST EDITION.

---

HAVING given much time to, and thought deeply upon, the various subjects treated of by writers, and upon the converse of practical men on agriculture, I have never been able to find that they sufficiently explain or elucidate the *causes* of the various modes practised. The effects alone are argued upon, or if the first causes are noticed, it is without any explanation as to their origin. I have, therefore, thought that it would lead to a practical benefit to all agriculturalists, if I could show the origin and explain the cause of the first principles of agriculture upon a plain and simple basis. With this view an attempt is made to explain the *causes* of the improvement of land, proceeding either from fallowing, manuring, laying