# THE STOCK-FEEDERS' MANUAL. THE CHEMISTRY OF FOOD IN RELATION TO THE BREEDING AND FEEDING OF LIVE STOCK

Published @ 2017 Trieste Publishing Pty Ltd

#### ISBN 9780649712472

The Stock-Feeders' Manual. The Chemistry of Food in Relation to the Breeding and Feeding of Live Stock by Charles A. Cameron

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

### **CHARLES A. CAMERON**

# THE STOCK-FEEDERS' MANUAL. THE CHEMISTRY OF FOOD IN RELATION TO THE BREEDING AND FEEDING OF LIVE STOCK





Was awarded the First Prigs in his Section (there being sixteen competions), at the Show of the Royal Agricultural Society, held at Beliast, in August, 1861. Caived June 44, 1860: sire, Prince Duke the Second (16,731); dam, Turfoida, by Earl of Dublin (10,178); gd., Rosina, by Gray Friar (9,179); ggd., Hinda, by Little John (4,232). THE PROPERTY OF LORD TALBOT DE MALAHIDE,

#### THE STOCK-FEEDER'S MANUAL.

THE

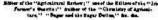
## CHEMISTRY OF FOOD

IN RELATION TO THE

BREEDING AND FEEDING

### LIVE STOCK.

#### CHARLES A. CAMERON, Ph.D., M.D.,





LONDON AND NEW YORK: CASSELL, PETTER, AND GALPIN.

1868.

191. K. 39.

# LONDON CASSBELL, PATTER, AND GALFIR, BELLE SAUVAGE WORLS, LUDGATE HILL, E.C.

#### THE FOLLOWING PAGES ARE

#### Bedicated

TO

#### THE RIGHT HONORABLE

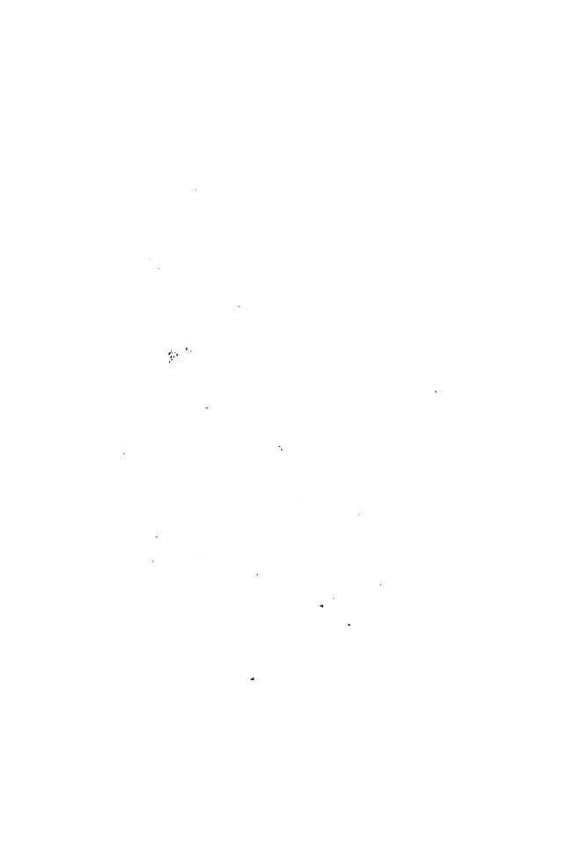
THE LORD TALBOT DE MALAHIDE, F.R.S.,

President of the Royal Irish Academy, Sec. Sec.,

ONE OF THE MOST ENLIGHTENED AND LIBERAL PROMOTERS

OF AGRICULTURAL IMPROVEMENTS,

THE AUTHOR 45 UNDER MANY OBLIGATIONS TO HIS LORDSHIP, FOR WHICH HE CAN MAKE NO RETURN SAVE THIS PUBLIC ACKNOW-LEDGMENT OF HIS INDESTEDNESS.



#### PREFACE.

Some papers on the Chemistry of Food, read before the Royal Agricultural Society of Ireland and the Athy Farmers' Club, and a few articles on the Management of Live Stock, published in the Wackly Agricultural Review, constitute the basis of this Work. It describes the nature of the food used by the domesticated animals, explains the composition of the animal tissues, and treats generally upon the important subject of nutrition. The most recent analyses of all the kinds of food usually consumed by the animals of the farm are fully stated; and the nutritive values of those substances are in most instances given. Some information is afforded relative to the breeds and breeding of live stock; and a division of the Work is wholly devoted to the consideration of the economic production of meat, milk, and butter."

Within the last twenty years the processes of chemical analysis have been so much improved, that the composition of organic bodies is now determined with great accuracy. The analyses of faods made from twenty to fifty years ago, possess now, but little value. In this Work the analyses of vegetables quoted are chiefly those recently performed by the distinguished Scotch chemist, Dr. Thomas Anderson, and by Dr. Voelcker. The Author believes that in no other Work of moderate size are there so many analyses of food substances given, and ventures to hope that the success of this Work may fully justify the belief that a "handy" book containing such information, as that above mentioned, is much required by stock feeders.

102, Lower Baggot Street, Dublin, APRIL, 1868.