

# **Farm Tractors**

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*The Case Guide to  
Tractor Selection, Operation,  
Economics and Servicing*

Bill Butterworth

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E. & F. N. Spon

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# Preface

Despite the fact that the farmer spends more on machinery than anything else except the land and despite the fact that he spends more on tractors than on any other machine, there are few books on the choice and operation of tractors to fit modern farming conditions.

Most of this book is about farming and how to fit tractors to the individual situation. Those sections are completely unbiased and Case are happy to sponsor such a book in the wider interests of sensible, more productive and safer use of tractors and machinery. Where the Company's views are expressed it is clearly stated as such. This is mainly in the area of design detail and then only for the sake of being concise and brief.

The first part of the book is concerned with relating the needs of the individual farm to specific details of tractor performance. Later chapters deal with policy on size, numbers and replacement. This section is a major development specifically about tractors. It is developed from the author's work *Farm Mechanisation for Profit* which deals with machinery in the wider sense. Later chapters of this book are related to professionalism in operation, maintenance and care.

Case Tractors was formerly known as David Brown Tractors Ltd and advice in this book referring to Case products can be taken to refer to David Brown models.

# Abbreviations

ADAS	Agricultural Development and Advisory Service
ATB	Agricultural Training Board
BAGMA	British Agricultural and Garden Machinery Association
FLT	Fork-lift truck
MAFF	Ministry of Agriculture, Fisheries and Food
MHT	Materials-handling tractor
MMB	Milk Marketing Board
NFU	National Farmers Union
NIAE	National Institute of Agricultural Engineering
PTO	Power take-off
RBF	Replacement before failure
UAA	Utilized agricultural area