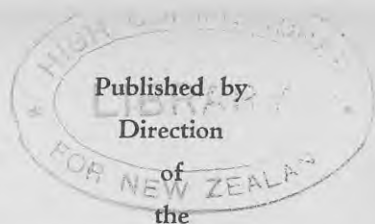


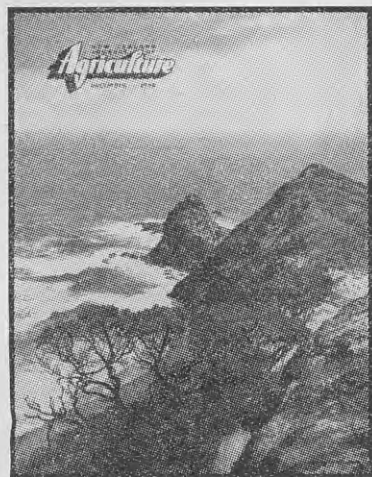
Volume 79
 Number 6
 December 15,
 1949.
 (Established 1910)

NEW ZEALAND JOURNAL OF *Agriculture*



Minister of Agriculture.

This month's cover



One of the most northerly points of New Zealand, Cape Reinga, is the subject of this month's cover, which has been reproduced from a painting by L. C. Mitchell and is based on a photograph by National Publicity Studios. According to Maori lore, Reinga is the departing place of spirits, who pause there to bid farewell before descending, by way of an ancient pohutukawa tree, to a cavern in the sea which is the entrance to the spirit world. Pohutukawas, which are to be seen, often hanging precariously from the cliffs, along much of the coast of the North Auckland Peninsula, are associated in the minds of New Zealanders with the Christmas season, because at that time the trees carry their masses of dark crimson flowers. The timber has been used in boatmaking since the earliest days of settlement.

TABLE OF CONTENTS

Departmental Service to Horticulture Industry	531
Care of Livestock during January	532
Seed Production in New Zealand: Grass and Clover Seed Certification	J. H. Claridge .. 533
The Home Garden	S. O. Gillard .. 539
Dairy Produce Graded for Export	544
Use of Electric Fence in Feeding off Saved Pastures	J. M. Hopkins .. 545
Applying the Principles of Poultry Breeding	F. C. Bobby .. 547
Farming Methods on the Danthonia Hills of Hawkes Bay	R. P. Hill .. 551
Improvement of Bee Stocks in New Zealand	T. S. Winter .. 553
Harvesting and Marketing Cut Flowers	C. G. Aldridge .. 555
Poultry Diseases Caused by Mould and Yeast Infections	R. M. Salisbury .. 558
Pre-lambing Shearing of Ewes	G. R. Mackintosh .. 559
Establishment of Paspalum: Lupin Varieties	561
The Green Vegetable Bug <i>Nezara viridula</i>	R. A. Cumber .. 563
Care of Pigs During Summer	I. H. Owtram .. 565
The Production of Pasture Seed in Canterbury	J. G. Slater .. 569
The Use of Reinforcing and Boxing in Preparing Concrete	H. T. W. Eggers .. 571
Household Poultry	W. L. McIver .. 577
Hydraulically-operated Glasshouse Ventilators	J. A. Cederman .. 583
Home-made Potato Bagger	A. J. Ebert .. 585
Show Dates	586
Patents for Inventions Connected with Farming Activities	F. C. Korrick .. 587
Grading Points for Export Butter and Cheese	588
Prevention of Pig Losses on the Farm	589
Domestic Beekeeping	R. Goddard .. 595
The Flower Garden	M. J. Barnett .. 597
Meteorological Records for October	602
The Role of Play in Children's Lives	Dorothy Johnson .. 603
Party Savouries	Norma K. Metson .. 607
A Smocked Summer Frock for a Small Girl	Eva Topping .. 611
The Museums of New Zealand	Enid B. V. Phillips .. 615
Strawberries are Ripe Again	Eva Topping .. 619
Volume Index	623

New Zealand Department of Agriculture

HEAD OFFICE:

Dominion Farmers' Institute Building,
 Featherston Street, Wellington.

DIRECTOR-GENERAL:

E. J. Fawcett

ASSISTANT DIRECTOR-GENERAL:

R. B. Tennent

DIVISIONAL DIRECTORS:

Animal Research J. F. Filmer
 Dairy H. A. Foy
 Extension P. W. Smallfield
 Horticulture A. M. W. Greig
 Livestock W. C. Barry

Editor: G. J. Neale

SUBSCRIPTION RATES

The "Journal" is issued monthly. The subscription within New Zealand is 2s. 6d. a year; the overseas subscription is 5s. The "Journal" may be ordered from any bookseller or newsagent, or direct from any office of the Department of Agriculture. Individual copies are available at 3d. a copy, post free.

COPYRIGHT PROVISIONS

The articles in the "Journal" of the Department of Agriculture of New Zealand are copyright. Proprietors of newspapers and periodicals wishing to republish matter are at liberty to do so, provided both the "Journal" and author are acknowledged.

The Minister of Agriculture does not accept responsibility for any of the private and trade advertisements included in this publication.

All correspondence relating to the "Journal" should be addressed to the Editor, "The New Zealand Journal of Agriculture," Box 3004, Wellington.

REGISTERED AT THE G.P.O., WELLINGTON, AS A MAGAZINE.