# 1941. NEW ZEALAND.

# DEPARTMENT OF LANDS AND SURVEY.

# SETTLEMENT OF CROWN LANDS

(ANNUAL REPORT ON).

Presented to both Houses of the General Assembly by Command of His Excellency.

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Department of Lands and Survey, Wellington, 1st July, 1941.

I have the honour to submit herewith the annual report on the settlement of Crown lands for the year ended 31st March, 1941, together with particulars of the special settlement of inferior lands, of the development work that is being carried out on unoccupied Crown and settlement lands, and of the operations under the Small-farms Scheme.

I have, &c., R. G. Macmorran, Under-Secretary.

The Hon. Frank Langstone, Minister of Lands.

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# REPORT.

#### GENERAL REVIEW.

During the past year climatic conditions in most districts were favourable for those engaged in farming pursuits. A mild winter was experienced generally, and, except in Canterbury and North Otago, where very dry weather prevailed during the summer, good conditions were experienced for the remainder of the year. As a result, primary production in practically all branches reached a high level and, with good prices for all classes of produce, Crown tenants and the farming community generally had a satisfactory year.

The development of land for settlement has received close attention by the Department, and large-scale operations have been carried out on areas of Crown land and land which has been purchased for development prior to settlement. Some of the areas that are being developed will be available for the settlement of soldiers returning from the war. It is also possible that employment may be provided on development work for returned men desirous of undertaking farming pursuits who are not fully qualified to farm properties of their own, or who will benefit by a period of training under supervision. Details regarding the various areas under development are given further on in this report.

The reduction in the supplies of superphosphate to be made available during the next farming season will necessitate a suspension of the development of virgin or deteriorated lands by the Department. In addition, the reduced amount available for top-dressing must affect the grass on the recently-developed marginal lands.

During the year a number of privately-owned properties have been purchased for settlement purposes. Details of these properties are given in the Land for Settlements report, Parliamentary paper C. 5.

The work of amalgamating and regrouping uneconomic Crown leaseholds has been continued. In this connection the adjustments effected have been confined mainly to the Canterbury District, where this problem was previously an acute one.

At the 31st March the tenants on the books of the Department numbered 35,752, occupying a total area of approximately 17,807,656 acres. Pastoral runs account for 8,129,865 acres, while 1,724,941 acres of purchased estates are held under the provisions of the Land for Settlements Act.

#### LEGISLATION.

The Small Farms Amendment Act, 1940, makes provision for the settlement of discharged soldiers returned from the present war and gives power where necessary to take land for this purpose.

The Reserves and other Lands Disposal Act, 1940, contains twenty-seven sections dealing with Crown lands, reserves, &c. An important section in this Act abolishes the Wanganui River Trust and Board and vests the property of the Trust and Board in the Crown.

The Statutes Amendment Act, 1940, contains four sections amending and extending the Land Act, 1924. One of these sections provides for the establishment of fire districts for the protection of gum lands and sand-dune areas. The other sections are of a purely machinery nature.

## LANDS FOR SELECTION.

During the year 502,723 acres were taken up in various tenures, the number of selections being 1,012 under all headings. These figures include some 434 sections, comprising altogether an area of 77,309 acres, taken up under miscellaneous leases and licenses, so that the selections on permanent tenures numbered 578 sections, covering a total area of 425,414 acres. The following table gives the selections of Crown lands for the last five yeats.

# SELECTIONS UNDER ALL TENURES.

Year ending			Number.	Area (Acres),
31st March, 1937	 	 	1,342	463,178
31st March, 1938	 	 	1,072	232,225
31st March, 1939	 	 	1,062	271,549
31st March, 1940	 	 	974	315,343
31st March, 1941	 	 	1,012	502.723

The lands dealt with above comprise both areas offered for the first time and areas which became available for reoffering through various reasons. The figures for entirely new rural areas selected during the year are as follows:—

Mark or the second seco	(	Class of La	nd.	 	Number of New Rural Sections selected.	Total Area selected for the First Time.
Crown land Settlement land	••	••	• ;•	 	40 2	Acres. 3,256 705
Grand	totals			 	42	3,961

#### RECEIPTS.

The receipts for the year from all sources totalled £1,700,454.

The receipts for the last five years have been as follows: Year ending 31st March, 1937, £1,402,596; 1938, £1,577,230; 1939, £1,429,501; 1940, £1,200,013; 1941, £1,700,454.

#### POSTPONEMENTS, REMISSIONS, AND ARREARS OF RENT.

Rents the payment of which remained postponed at the 31st March amounted to £29,701. Arrears of rent at the 31st March (including arrears in respect of the current half-yearly charge) totalled £378,107, while remissions for the year totalled £25,013.

#### EDUCATIONAL ENDOWMENTS.

An area of approximately 801,671 acres of education endowments under the administration of the various Land Boards is leased to some 4,191 tenants, who pay a total annual rental of £116,104.

#### LAND FOR SETTLEMENTS.

The statement usually published giving a summary of estates acquired in previous years under the provisions of the Land for Settlements Act has been omitted from the report owing to the necessity of conserving paper-supplies. The present position of the various settlements is, however, generally similar to that shown in Appendix II of the report for the year ended 31st March, 1939.

The report of the Land Purchase Controller on land-purchase operations for the past year is published in parliamentary paper C.-5.

# PROTECTION OF HIGH AND STEEP COUNTRY AND BUSH-PRESERVATION GENERALLY.

The Department, in co-operation with the State Forest Service, has continued to give attention to the necessity of bush-preservation and the protection of high and steep country generally. As a result, over 300,000 acres of Crown land was handed over to the State Forest Service for Proclamation as permanent State forest, while approval was also given to the permanent reservation of over 335,000 acres of provisional State forest reserves. Dealings under these headings during the past five years have been as follows:

	46	Crown Land pro- claimed as Perman- ent State Forest.	Provisional State Forest Reserves made Permanent Ones.
		Acres.	Acres.
Year ended 31st March, 1937		 54,437	95,009
Year ended 31st March, 1938		 158,592	31,518
Year ended 31st March, 1939		 249,757	151,413
Year ended 31st March, 1940		 90,680	163,225
Year ended 31st March, 1941		 303,128	335,555
Totals for five years		 856,594	776,720

#### SMALL FARMS BOARD: LAND DEVELOPMENT.

The year was one of marked activity for the Small Farms Board, which not only pushed ahead with the development of its existing blocks but also extended the area under its control by approximately 19,100 acres.

At the 31st March the private land purchased and Crown land set apart for development totalled 160,610 acres. The bulk of the areas are in the Auckland and Taranaki Land Districts.

The favourable spring and summer resulted in a flush of feed and a considerable increase in dairy returns, but, at the same time, it produced a problem in the vigorous growth of ragwort and fern. In normal times this could have been handled quickly and easily by the purchase of heavy wethers, but the Board could not ignore the fact that the market for this class of stock when fat had practically disappeared with the shrinkage in shipments overseas.

A great impetus to production was given by the introduction of the bonus or profit-sharing scheme on the Board's dairy-farms. The milkers were paid their ordinary rates of wages, and, in addition, received a percentage of the returns over a fixed minimum, including the returns from pigs. A further payment was made for any calves reared.

It will be remembered that when the Government took over the assets of the Waikato Land Settlement Society in 1938, one of the conditions agreed upon was that the employees of the Society who held promises of titles would receive their sections as soon as they were fully developed and equipped. Ten settlers had been established by the Society, and a further seventeen were allotted their sections as from the 1st October, 1940.

The Small Farms Act, 1932-33, which constituted the Small Farms Board, provided that every lease granted to a tenant established by the Board was to be for a term of ten years, and was to confer on the lessee the right (to be exercised during the currency of the lease) to acquire the fee-simple of the land comprised in the lease at any time after the expiration of four years from the commencement

of the term. It will be seen that, if this right to purchase was not exercised within the appropriate time, the tenant was left without any tenure and without any right to compensation for his improvements. The 1939 Amendment was therefore passed giving an alternative tenure in keeping with the Government's policy—a thirty-three year lease with a perpetual right of renewal. During the year approval was given to the issue of 175 leases, and the remaining cases where no tenure has yet been granted are being dealt with as the tenants prove their ability to successfully farm their holdings. It will be remembered that one of the features of this settlement scheme is that a tenant must serve a probationary period before qualifying for his lease.

The Government's decision to provide for the settlement of discharged soldiers of the present war under the Small Farms Act was given effect to in the 1940 Amendment. This included a clause giving preference to applications from discharged soldiers for land made available under the principal Act, and also gave the Small Farms Board the power to acquire land compulsorily for soldier settlement. This power will not be exercised unless it is found impossible to obtain sufficient suitable land by negotiation. The number of offers at present coming forward is entirely satisfactory, and details of twenty-one properties acquired during the year by the Dominion Land Purchase Board and handed over to the Small Farms Board for development and settlement will be found in the report under the Land for Settlements Act, 1925.

The gross expenditure for the year was £572,562 9s., and the credits-in-aid £258,553 4s. 9d.

Following are brief notes on the lands under the Board's control:-

# BLOCKS UNDER THE SUPERVISION OF THE COMMISSIONER OF CROWN LANDS FOR THE NORTH AUCKLAND DISTRICT.

#### GENERAL.

The blocks north of Auckland, other than those still under development under the supervision of the Superintendent of Land Development, Auckland, and referred to later in this report, were either purchased (freeholds) or set apart (Crown land) shortly after the Small Farms Board commenced operations in 1933, and have now been settled. The policy of fully developing and equipping the subdivisions before establishing the tenants had not then been adopted, and the bulk of the men took over their holdings in a partially-improved state. They were assisted by the Board with advances for clearing, cultivation, seed, manure, chattels, &c., and, where the returns were small, with "free" grants of sustenance up to £1 per week to augment the amounts available to them for living-expenses.

Every opportunity has been taken to enlarge some of the original holdings, which, by present-day standards, were on the small side, and the general position on most of the blocks is at present satisfactory. All the settlers are now able to carry on without sustenance, and, with their capital liabilities fixed on the basis of current valuation, they should have an assured future. Many have already qualified for and received their leases.

# Church Mission Block, Awhitu (633 Acres).

This property was acquired by the Crown approximately seven years ago, and development work was undertaken by the Public Works Department. There are eight settlers on the block, and leases under section 5 of the Small Farms Amendment Act, 1939, have been issued to all settlers. They have experienced a very good season and returns are higher than last year, though on the average less cows were milked. The tendency has been to overstock, but this has been rectified.

# MAOBIROA FARM SETTLEMENT, BROADWOOD (522 ACRES).

This block was developed by the Public Works Department. There were originally eight holdings, but as these were on the small side the boundaries were recast and there are at present only six occupiers. It is considered that with the readjustment of boundaries the holdings can be deemed economic units, and that with a vigorous top-dressing programme satisfactory returns should be forthcoming from the sections in the near future.

## Taipuna Farm Settlement, Taipuna (668 Acres).

This block was developed by the Public Works Department and subdivided into seven sections. Leases under section 5 of the Small Farms Amendment Act, 1939, have been issued in all cases. An adequate water-supply is available, and the block has been electrically reticulated. Returns from this settlement are well above the average.

# TE MAIRE FARM SETTLEMENT, TE KOPURU (815 ACRES).

This property was developed by the Public Works Department, and there are at present eleven sections. The original holdings were considered to be on the small side, and approximately 200 acres of adjoining Crown land was utilized to extend them. Leases have been issued to all but two settlers whose accounts are still in arrears.

#### WAIARUHE FARM SETTLEMENT, PAKARAKA (272 ACRES).

There are four settlers on this block, and leases have been issued to three. An adequate watersupply system has been installed, and the returns from the individual holdings have consistently improved.

# REHUTAL FARM SETTLEMENT, DARGAVILLE (1,066 ACRES).

There are nineteen dairy-farms on this settlement, but one settler has secured the freehold of his holding. Leases have been issued to all the other occupiers with the exception of three who are not yet satisfactorily established. Returns from all sections are consistently good and the block is considered to be well above the average.

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# Parris's Block, Mangatangi (211 Acres).

This block, located twenty miles from Pokeno, has been subdivided into three very good dairy-farms. One occupier has secured the freehold of his section, and one of the others has received his lease.

#### Pukekaroro Farm Settlement, Kaiwaka (246 Acres).

There are three sections on this block. Leases have been issued to two of the occupiers, and action is at present being taken to recommend a lease for the third. Very satisfactory progress has been made on this settlement, and the returns are good.

#### Arapohue Farm Settlement, Arapohue (162 Acres).

The 162 acres has been subdivided into two dairy-farms. Leases have been issued to the two settlers, and returns are excellent. An adequate water-supply system has been installed and the sections are now fully developed.

#### ONEKURA FARM SETTLEMENT, UMAWERA (1,033 ACRES).

The twelve individual holdings on this settlement were valued by a special committee last year and charges were fixed in respect of the subdivisions, nine settlers being granted leases. Action will be taken at a later date regarding the remaining three occupiers. The water-supply is good, and a steady top-dressing programme is being carried out.

# MANGATETE FARM SETTLEMENT, KAINGAROA (1,263 ACRES).

This settlement has been subdivided into nine dairy-farms, and the settlers' charges have been fixed by the Small Farms Board. Six leases have been issued. Consideration to the issue of leases to the remaining three settlers who have been on the block for a limited period only will be undertaken at a later date.

#### WAIOTAMA FARM SETTLEMENT, TANGITERORIA (314 Acres).

This block was originally subdivided into five dairy-farms. These were considered to be on the small side, and as one of the occupiers vacated, the boundaries of the block were recast and the sections made into four self-contained units. A special committee valued the block last year, and charges have been fixed for the individual holdings and leases issued to the settlers.

# MATA NORTH FARM SETTLEMENT, KOHUKOHU (1,523 ACRES).

This block, which has been subdivided into ten dairy-farms, was valued last year by a special committee, and charges were fixed by the Small Farms Board. Leases were issued to seven of the occupiers, and action will be taken in the near future regarding the issue of leases to the others. Some of the sections are not well watered, but a shortage is experienced only during a drought.

#### RAETEA FARM SETTLEMENT, BROADWOOD (378 ACRES).

This block has been subdivided into three dairy-farms. A valuation of the individual holdings was recently made with a view to the fixation of charges and the issue of leases to the settlers. The Small Farms Board is being approached in the near future for its approval to this course. The block is well watered and the returns have increased considerably during the past four seasons.

#### Whangarei Harbour Board, Whangarei (255 Acres).

This block consists of reclaimed tidal mud-flats on which the response to grassing was at first disappointing, but the pastures are now generally in good order. Arrangements have been made to dispose of the settlement to the Whangarei Harbour Board, but finality has not yet been reached in the negotiations. When the Harbour Board has acquired the Small Farms Board's interests, leases and mortgages will be issued by the Harbour Board to the settlers.

# ORIWAU FARM SETTLEMENT, TUTEKEHUA (1,090 ACRES).

This block was acquired in 1932. There are thirteen settlers, and a committee has been appointed with a view to making the necessary valuation of the individual holdings and fixing charges. It will not be possible to issue leases in the majority of cases, as negotiations are still being proceeded with for the acquisition of the Native interest in approximately 486 acres. The holdings are on the small side, but systematic top-dressing of the pastures is improving the returns.

# TUTAMOE FARM SETTLEMENT, TUTAMOE (394 ACRES).

This block was subdivided into nine holdings, but it was decided not to persevere with five, and at the present time there are four farms with a total area of approximately 394 acres. The block is situated in a deteriorated-land area where the average annual rainfall is 109 in., and was acquired in the first place to provide work for unemployed. Action is being taken to dispose of the areas not required, and to fix charges on the remaining farms.

# OTANEROA FARM SETTLEMENT, TAKAHUE (803 ACRES).

This block, which contains an area of 803 acres, is subdivided into four dairy-farms. A valuation of the individual subdivisions has recently been undertaken, and the Small Farms Board will be approached in the near future for its approval to the fixation of charges and the issue of leases to three of the settlers. The fourth section was recently vacated, and a new occupier has just been installed. Action regarding the issue of a lease in this case will be deferred for approximately twelve months. The land is very hilly and some reversion to fern is inevitable, but a steady top-dressing programme is being carried out and returns are improving.

Particulars in respect of the Individual Holdings under the Supervision of the Commissioner of Crown Lands, North Auckland.

Allotted Holdings: (a) Where Charges have been fixed.

			Number of Rental		Amount of Instal-	Amount		s	tock Carrie	ed.		Estimated Total
H	Block.	Area.	Hold- ings.	Value.	ment Mortgage.	Current	Dairy Cows.	Dry Stock.	Pigs.	Sheep.	Horses.	Annual Revenue.
		Acres.		£	£	£	[  -					$_{\mathfrak{L}}$
Church Missi	on	 633	8	1,765	8,305	3,000	249	83	43		11	3,916
Maoriroa		 522	6	785	4,980	2,237	146	62	26	٠	23	1,753
Taipuha		 668	7	2,805	7,696	716	250	47	29		15	4,469
Te Maire		 815	11	1,535	6,968	2,679	308	90 (	41	12	17	4,550
Waiaruhe		 272	4	1,120	3,081	1,080	104	27	5		5	1,668
Rehutai		 1,066	18	3,540	9,874	$5,5\Pi$	482	177	123		29	8,330
Parris		 211	2	455	1,302	903	64	20	23		2	970
Pukekaroro		 -246	3	1,030	[-2,312]	587	96	41	15		7	1,330
Arapohue		 162	2	570	! <b>- E,</b> 560	497	67	32	4	10	3	960
Onekura		 1,033	12	2,050	[10,846]	5,044	290	105	30	7	23	4,211
Mangatete		 [-1, 263]	9	2,130	10,876	3,552	290	128	55	105	20	4,399
Waiotama		 314	4	1,295	3,765	812	90	4.1	7		- 11	1,418
Mata North		 1,523	10	[2,350]	11,265	4,575	303	126	34	233	34	3,403
Individual he	oldings	 4,374	39	10,026	26,930	12,168	1,162	473	213	55	65	17,249
Tota	ıls	 13,102	135	31,456	109,760	43,361	3,901	1,452	6,848	422	265	58,626

# Allotted Holdings: (b) Where Charges have not been fixed.

					Number	ļ	St	ock Carri	ed.		Estimated
Block.				Area.	Hold- ings.	Dairy Cows.	Dry Stock.	Pigs.	Sheep.	Horses.	Total Annual Revenue.
				Acres.	ĺ						£
Raetea				378	3	92	15	8	2	6	1,160
Whangarei Harbour Board				255	6	103	29	33		5	1,125
Oriwau		, ,		1,090	13	323	144	43	98	34	5,209
Tutamoe				394	4	80	28	9		5	1,025
Otaneroa				803	4	150	59	22		12	2,099
Individual holdings	• •			593	13	114	39	9		4	1,477
Totals			[	3,513	43	862	314	124	100	66	12,095

# BLOCKS UNDER THE SUPERVISION OF THE COMMISSIONER OF CROWN LANDS FOR THE AUCKLAND DISTRICT.

One hundred and fourteen farms, mostly dairy units, with a few mixed farms in the King-country district, are administered by the Commissioner at Auckland. The bulk of these properties were taken over, after development, from the Superintendent of Land Development, Auckland, and the tenants established have been assisted, where necessary, with advances for further improvements.

The season has been an excellent one, and the lighter pumice lands in particular have benefited by a plentiful rainfall.

The settlers generally have made ample provision for supplementary feed, and they should have little difficulty in carrying their stock over the winter.

The only block under the Commissioner's control which has not yet been allotted is Mill Road, a note on which is supplied later.

#### Broadlands Block (865 Acres).

In 1933, Mr. E. Earle Vaile, of Reporoa, gave 1,000 acres to the Government for settlement under the small-farms scheme, and 865 acres have been developed into eight farms of from 56 to 156 acres.

The block, like others in the district, has had an excellent season, and full provision has been made for the feeding of the stock during the winter months.

The total production should exceed 64,500 lb. from 380 cows. One well-managed farm of 89 acres on the block will produce over 13,500 lb. of butterfat, and substantial provision has been made for hay and winter feed.

### MURUPARA BLOCK (1,550 ACRES).

There are fifteen sections on this block, which lies close to the Galatea Station, but only thirteen are at present settled. One is still controlled by the Superintendent of Land Development, and the other is being grazed.

The season, with its plentiful rainfall, has been much more favourable than the previous one, and settlers are gradually becoming established. Rainfall and top-dressing are essential to the best working of this land, and it is hoped that there will not have to be any extensive reduction in the quantity of manure available.

### Blackshaws Block (202 Acres).

This block, which is close to the Town of Cambridge, was sold by the Public Trustee for settlement under the small-farms scheme, and five settlers were established.

One section has been sold, and the occupiers are gradually fully improving the remaining four sections.

# WAINUI SOUTH BLOCK (784 ACRES).

This block, situated about twelve miles from Tauranga, has had an excellent season, and most of the settlers should show a very satisfactory position.

The Block is carrying over four hundred cows, as well as pigs and horses, and continued progress can be expected.

The estimated production of butterfat was 64,000 lb., but this should be well exceeded.

# WHARERE BLOCK (233 ACRES).

The part of the block under control of the Commissioner of Crown Lands consists of five sections, and the settlers are making satisfactory progress.

The previous dry season suited this block, and returns are gradually increasing. Three of the sections are being added to, and the settlers should have every hope of success.

# TARAWERA BLOCK (933 ACRES).

This block consists of ten farms near Te Teko which were developed by the Department, and nine are occupied by married settlers and their families. The other is still controlled by the Superintendent of Land Development.

Steady progress is being made, and with close attention to pastures and the handling of stock it is considered that the returns will gradually increase.

The water-supply has been increased, and three of the sections are being enlarged.

# ONEPU BLOCK (746 ACRES).

This block of nine farms near Te Teko is recovering from the setback occasioned by the very dry summer and autumn of the 1939–40 season.

Some of the settlers are bringing in more land, and this, together with the culling of herds and the systematic growing of lucerne and root crops, will gradually make the block more productive.

# WHANGAMARINO BLOCK (1,096 ACRES).

This block of nine sections up to 160 acres was developed by the Department of Agriculture prior to settlement. The settlers have had a good season and none should have any difficulty in meeting his obligations.

The total estimated income of £6,200 from the block should be exceeded.

# Park's Block (290 Acres).

This block, which is situated about eight miles from Te Awamutu in a good farming district, was purchased from Mr. Park in 1934, and was cut up into seven farms, six of which are still leased, the seventh having been sold.

The farms have carried over 210 cows, and these should produce aver 48,000 lb. of butterfat. This block may be described as one of the soundest in the district.

#### Mangatarata Block (76 Acres).

This block of 76 acres of Crown land near Mangatarata was developed and allotted in 1934. Forty cows, with young stock, are being milked, and both settlers are doing well.

# MILL ROAD BLOCK (147 ACRES).

The 147 acres in this block comprises partly Crown land set apart for the purposes of the Small Farms Act, and partly Native freeholds acquired by the Small Farms Board. Development was first confined to 100 acres, but in 1939–40 the balance area was brought in.

When taken over by the Board the block was reported to be growing the best crop of blackberry in the district, but to-day provides two fully-improved farms each with a forty-cow capacity. The occupiers are working on wages, but will participate in the scheme for the payment of bonuses for above-average production.

PARTICULARS IN RESPECT OF THE INDIVIDUAL HOLDINGS AND BLOCKS UNDER THE SUPERVISION OF THE COMMISSIONER OF CROWN LANDS, AUCKLAND.

Allotted Holdings: (a) Where Charges have been fixed.

I		C											
	Area.	N umber of Holdings.	Rental Value.	Amount of Instalment Mortgage.		ıı.	Dairy Cows.	Sto Dry Stock	ek carri Pigs.	ed. Sheep.	Horses.	Estimate Total Ann Revenue	ual
1	Acres.		£	£ s. d.	£ s.	d.						£ s.	s. c
	865	8	800	10,077 12 7	3,315 2	3	382	42	34		10	4,534 0	
	1,096	9	979	10,703 7 11	750 7	5	389	65	115	402	8	6,019 11	L
	202	4.	2,025	2,949 5 0	1,395 17	1	110	23	5		8	1,779 11	ı
	1,302	13	1,072	11,138 4 7	6,691 17	4	462	79	36		24	6,302 - 0	)
	933	9	1,380	11,100 18 1	3,979 6	5	318	81	36		16		L
	290	6	3,165	4,143 9 0			210	16	19		10		
	784	7	1,610	7,460 0 0	4,752 17	-6	333	90			16		
	746	9	565	7,466 5 5	2,055 8	10	$250 \pm$	65	30		16		
!	76	2	380		1	4	40						
	2,870	40	10,042	20,910 - 7 - 3	8,644 6	9	1,037	207	Ш	651	57	15,044 7	7
	9,164	107	22,018	90,504 9 10	31,742 4	11	3,531	673	418	1,053	167	50,623 14	ł J
		Acres. 865 1,096 202 1,302 933 290 784 746 76 2,870	Acres.	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{ c c c c c c c c c } \hline & & & & & & & & & & & & & & & & & & $	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Acres.   £ £ s. d.   £ s. d.	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$

			,				
Allott	ed Hol	dings: (b	) Where	Charges	have not	been	fixed.
Vharere Block—		• •	,				
$\Lambda { m rea}$							233 acres.
Number of holdin	gs						5
Amount of Currer	it Acco	ount					£3,215 12s. 7d
Stock carried—							
Dairy cows							192
Dry cows					٠		41
$_{ m Pigs}$							23
Sheep							Nil
Horses							10
Estimated total a	nnual i	revenue	• •				£2,654
		Block be	ring devel	loped.			
ill Road Block—			•	-			
Area							147 acres.
Number of men e	mploye	ъd					2
Annual return of							
Butterfat -							
Poundag	e						17,600
Value							£1,100
Wool							Nil
Stock sales—							
Cattle—							
Number							16
Value							£75 Os. 6d.
Calves-							
Number							24
Value							£13 15s, 7d.
Pigs —							
Number				, ,			89
Value					• •		£192 9s. 9d.

BLOCKS UNDER THE SUPERVISION OF THE SUPERINTENDENT OF LAND DEVELOPMENT, AUCKLAND.

### GENERAL.

Progress in the Rotorua district was particularly marked following favourable weather conditions, and this applies also to the Hauraki Plains areas. In the north, however, with the possible exception of the Mangawai area, particularly dry weather in the late spring and early summer had a somewhat detrimental effect, although it can be said that this season was by no means a poor one. As the year progressed it became increasingly difficult to obtain sufficient suitable labour for the efficient working of the blocks.

# Kattaia Block (2,291 Acres).

This block comprises 1,190 acres of swamp land set apart in 1933, approximately 100 acres of freehold purchased in 1934, and 1,000 acres of sandy country set apart in 1939. Drainage of the swamp area was commenced in 1934, and was followed up by clearing, stumping, cultivation, and grassing, 1,200 acres now being in permanent pasture. During the year dairying was carried out with eight herds on the more consolidated portion of the block, which was also improved by stumping and harrowing. The balance of the peat land, although still in a very raw state, gives promise of being capable of carrying pasture at an early date. Some of the sandhill country was sown in pasture, and this is doing well,

# Mangawai Block (1,862 Acres).

This block comprises part of the Mangawai Kauri-gum Reserve originally rich in gum deposits, but which now offers reasonable prospects of successful development and farming. The main drain, 227 chains in length, 18 ft. to 20 ft. wide, and 8 ft. to 10 ft. deep, with the necessary subsidiary drains, has effectively dewatered the whole of the swamp, and at the same time has provided an outlet for water from several adjoining properties. The filling-in of gum holes with man-power was both expensive and unsatisfactory, and it was decided to employ a bulldozer, which not only does the work in a fraction of the time but also consolidates the ground as it goes. Cultivation and grassing have proceeded according to programme, and 850 acres have been sown in new pasture. The growth during the year has been excellent, and it was possible to dispose of a number of first-class fat bullocks. Dairying is now possible on the older grassed areas.

# PURIRI BLOCK (1,417 ACRES).

This is part of a larger area acquired in 1933 from Messrs. Puriri, Ltd., Long and Brown, and known as the Mangatete Farm Settlement. The block comprises undulating to hilly good-quality country, the bush on which had been worked over by one of the timber companies. The procedure has been to fell the remaining bush in winter, burn and sow in permanent pasture in the following autumn, and proceed with fencing to enable control with sheep and cattle. The new grass sown to date totals 1,315 acres, and this completes the programme. The main development work during the year comprised boundary fencing, some further subdivisional fencing, and miner logging-up.

# Евексимви Вьоск (7,308 Аския).

The block comprises an amalgamation of the original Edgecumbe Block (Crown land set apart in 1937), two sections which originally formed part of the Orini Settlement, and part of the Tarawera Block. Excellent progress was made during the year with the grassing, an additional 2,000 acres being sown. The area in permanent grass now totals 5,270 acres. Other work undertaken included the installation of a gravity water-supply on the Edgecumbe area, fencing, and draining. The carrying-capacity of the block is rapidly increasing, and in addition to the station stock 1,000 dairy calves are now being run for later transfer to dairy-farms in the district. Development is about 75 per cent. completed, and if the original programme is carried out all grassing will be finished in 1942. It should then be possible to establish about ten dairy units, others to follow as the swamp and pastures consolidate.

# Hoe-o-Tainul Block (1,439 Acres).

Work on this area, which is situated on the Morrinsville-Ohinemuri Road, was commenced in 1935. The land is easy to hilly with some peat swamp of varying depths. The original intention was to confine development to 700 acres of the easiest country, but as this was brought in, activities were extended over a larger area. Five hundred cows were milked during the past year on twelve dairy units, and the returns were entirely satisfactory. Pasture improvement has been steady, and some of the hill country is now carrying well-established dairy pasture. Improvement work was carried out on a further 200 acres of peat swamp, but it will be some time before this is completely grassed. Development is complete except for the consolidation and grassing of this swamp area.

#### KEREPEEHI BLOCK (1,632 Acres).

The Kerepeehi Block originally comprised 1,100 acres taken over from the Hauraki Plains Account in 1938, but it has since been extended by the addition of three further areas totalling 532 acres. Considerable progress has been made with the development of the shallow peat country, the main works carried out comprising draining, clearing, grassing, and fencing. Consolidation and crushing of the swamp growth with cattle and sheep is an important part of the work. Although only limited areas of pasture are available for stock-fattening, some remarkably good bullocks were marketed during the year. The block is stocked in conjunction with Ponarua, for which it is proving increasingly valuable.

# POUARUA BLOCK (10,476 ACRES).

This is an area on the Hauraki Plains and comprises mainly deep peat lands on which draining and roading had been commenced prior to its being taken over by the Small Farms Board in 1937. Since then, considerable clearing, grassing, and fencing have been carried out, and the new grass sown totals 3,040 acres. Very satisfactory progress has been made with the consolidation of the peat areas previously sown in grass. As in the case of Edgecumbe, sheep and cattle play an important part in the consolidation of the swamp areas, and stock generally do remarkably well.

# MIHI BLOCK (21,882 ACRES).

This block comprises an amalgamation of abandoned sections in the Reporoa Settlement, freeholds purchased, and Crown land set apart. Of the total area, 9,836 acres comprise the Strathmore Estate, purchased in November, 1940, from the Finance Corporation of New Zealand, a separate note on which is supplied in the report under the Land for Settlements Act, 1925. Clearing, cultivation, grassing, and fencing have been proceeded with during the year, and this work is now being speeded up by the letting of contracts for cultivation. Pastures previously sown have made a very encouraging improvement. With further consolidation and the provision of a gravity water-supply from a suitable source on the block, extensive areas of easy land will be available for subdivision into suitable dairying country.

#### TOKOROA BLOCK (4,855 ACRES).

This is an education endowment about nineteen miles south from Putaruru on the Putaruru-Taupo Main Highway. Development was started about April, 1938. The country is flat to undulating, and when taken over was growing stunted manuka, manaoa, tussock, and fern. Satisfactory progress has been made with the clearing, cultivation, and grassing, and at the 31st March, 1,740 acres had been sown in new pasture. The first sowings made in the previous year showed very encouraging improvement under the favourable weather conditions, and all the stock have done well. In spite of the fact that the block had the reputation of being "sick," indications are that dairying can be carried out successfully at a reasonably early date following pasture establishment.

### WAIKITE BLOCK (6,206 ACRES).

This area lies immediately east of Ngakuru, and was first set apart in October, 1938. During the year the Public Works Department completed an excellent road linking Ngakuru with the Taupo Road at Waiotapu, and this has not only facilitated the working of Waikite, but has linked several other blocks in the district. Clearing, cultivation, fencing, and draining were proceeded with, and this will now be speeded up during the coming year by the transfer of additional plant. Development is about 20 per cent. completed.

# Wharere Block (3,242 Acres).

Wharere comprises part of the original Pongakawa Block taken over from the Swamp Drainage Account in 1935. An additional area of Crown land was added in 1938, and a freehold purchased by the Dominion Land Purchase Board in September, 1940, from Mr. R. Billing. A separate note on Billing's area is included in the report under the Land for Settlements Act, 1925. During the year considerable improvement, following draining and the consolidation with stock, was effected on the swamp areas. The returns from fat stock from the swamp land have been remarkably good, 718 head of fat bullocks being disposed of during the year. Two small dairy units were established, and the returns from these have been satisfactory. Contract cultivation for grassing was commenced on the hill country, and excellent progress has been made. The grassing of this latter area will provide an ideal combination of hill and swamp land conveniently situated to each other and to the railway.

#### WHIRINAKI BLOCK (1,320 ACRES).

The Small Farms Board approved the development of this area in 1938, on the condition that satisfactory arrangements could be finalized for access roading. The road was completed by the Public Works Department during the year, and a start made with cultivation. At the 31st March, 440 acres had been sown and further areas were in the course of cultivation. The block is conveniently situated and will lend itself to successful dairying at an early date.

PARTICULARS IN RESPECT OF BLOCKS BEING DEVELOPED BY THE SUPERINTENDENT OF LAND DEVELOPMENT, AUCKLAND. Table A.—Stock carried, and Receipts.

				Stock	Stock carried.								Receipts.						
Block,	Area.	.!		-	Dun			Butterfat	fat.	Wool.	];		Cattle.		Sheep.	د د		Pigs.	Total Receipts.
		<del>5</del>	Sheep. C	Cattle.	Cattle.	Pigs.   Horses.	1	Pounds.	Value.	Pounds.	Value.	Number.	Value.	Number	her.	Value.	Number.	Value.	
	-								C <sub>F</sub>		¢.		ಭ	-5	4)	r si		ri si sa	*.
Edgembe	4cres.	308 308		018	0.110	39	6	7.353	123	:	<u>.</u> :	984	8,789 10	; e1	17	25 13 0	13		17 00
Hoe-o-Tainni		139				315	÷	104.245	5,980	;	:	334	61 611	·.		:	396	1,105 15 10	7,445 15 1
Kaitaia	·c	561		103		103	21	63,520	3,673	:	:	201	365 8		,	:	+	358 1 3	9 1
Kerepeehi	: :		1,716	:	651	:	-	:	:	;	:	289	2,96616	∞		:		:	2,966 16 8
Mangawai	_	.862	360	 	588	:	ပ1 	;	:	:	:	140	1,427 2		118	159 7 9	:	•	
Matanuku	์ ก i		.486	:	875	:	T	;	:	29,638	1,494	131				no :	:	:	
Mibi	<u>.</u>		139	:	803	:	13	:	:	13,908	676	127	959 18	9 2,	pa	418 13 10	:	:	3,054 12 7
Murupara		180	. :	:	36	:	:	:		:	:	:		•		1	:	:	
Pougrua	. 10.		019	:	366	:	20	:	:	24,477	1,226	343	3,684 13	 00		759 Io 3	:	:	11 S 079,6
Puriri			1.847	:	304	:	õ	:		13,909	655	95	549 2		,001	.018 14 9	:	:	2,222 17 4
Tokoroa	4.	_	. :	:	343	:	Π	:	;	:	:	157	813 15	0		:	:	;	813 15 0
Waikite	9		:	90g	362	:	က	:	:	:	:	61	5 <u>7</u>	ი			:		01 3 9
Wharere	٠	3,242 1	611,1	 80 80	:	10 4	 G	14,050	2.5	4,163	212	969	7,734 17	 က	525	534 13 0	ī.	125 8 6	9,416 18 9
Whirinaki			:	:	:	:	9	:	:	:	:	:	:	•		:	:	:	:
Totals	65,	65,634 14,173 2,428	1,173		6,201	1112	120	189,168	10,866	86,095	4,263	3,499	28,263 17	4 5,	5,599 4,9	4,903 3 0	574	1,638 10 9	:
				-			_										-		

Table B.—Year's Activities.

+ +	,											1				
Block,	Area.	Number of Men		cleared ush, o, &c.		Grass wn.	Gr: recondi			ains ructed.		ices. :ted.	Hot erec		Other Bi erect	
		employed.	For Year.	To Date,	For Year.	To Date.	For Year,	To Date.	ffor Year.	To Date.	For Year,	To Date,	For Year,	To Date,	For Year.	To Date,
	Acres.		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Chains.		Chains.	Chains.	No.	No.	! No. !	No.
Edgeeumbe	7,308	30	i 900	4,440	-1.410	-4,690		100	315	1,625	[1,700]	5,740		2	2	59
Hoe-o-Tainui	1,439	14		1,035	23	900	580	-1,240		450		3,420		12		39
Kaitaia	2,291	17	265	2,740	160	1,200	$^{28}$	28	60	-,		2,905	' j	11	4	39
Kerepechi	1,632	- 11	184	830	155	235	76	76		22	730	1,445				
Mangawai	1,862	4		1,090	4.5	850	295	295	16	2,455	210	[-2, 295]	1			
Matanuku	-2,941	19		;			$820^{\circ}$	820			20	20				
Mihi	[21,882]	46	610	[7, 112]	830	2,204	125	125	70	443	880	2,820		1	3	92
Murupara	180															
Pouarua	10,476	33	1,420	3,830	-1.345	3,040			-135	-8,210	825	-3,415			1	ä
Puriri	$^{1}$ 1,417	3	43	544	40	1,315				15	160	1,725			2	57
Tokoroa	-4.855	17	725	[-2,380]	575	1,740	285	500	415	415	510	-2,100		1	-t	32
Waikite	6,206	14	785	2,935	470	1,340	32	32	190	380	775	1,330			3	1)
Wharere	+3,242	19	25	840	500	1,735	370	1,010	315	3,020	845	7,395		3		. 13
Whirinaki	1,320	8	330	830	440	440			300	390	235	265		٠.	!	18
Totals	67,051	235	5,287	28,606	5,993	19,689	2,611	4,226	1,816	19,885	7,120	34,875		30	20	363
w	1	l	l i	1	, 1										·····	

Table C.--Expenditure.

Blord	Block. Area		Arca.	Cost of acquisition or, if Crown Land,		liture, excludin ure on Stock		Total Expenditure to 31st March, 1941, excluding Subsidies,	
				Value at Date of setting apart.	To 31st March, 1940.	1940 41.	Total.	Stock, and Chattels, but including cost of Acquisition.	
			Acres.	€ s. d.	£	£	.€	E	
Edgeeumbe			∫ 813 ↑*6,465	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	} 41,103	18,494	59,597	61,512	
Hoc-o-Tainui	. 4		*1.439	359 15 0	43,383	5,804	49,187	49,187	
Kaitaia			$\begin{cases} 112 \\ *2,179 \end{cases}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3 48,270	7,051	55,321	55,923	
Kerepeehi			1,632	$6,840 \ 10 \ 0$	4,792	2,652	7,444	14,284	
Mangawai			*1,862	465 10 0	29,481	5,465	34,946	34,946	
Mihi			$\begin{cases} 13,042 \\ 28,840 \end{cases}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\left \right\}$ 28,311 $\left \right $	29,681	57,992	89,403	
Murupara			*180	90 0 0	[2,025]	24	2.049	2,049	
Pouarua				5,238 - 0 - 0	28,763	16.878	45,641	50,879	
Puriri			1.447	4,786 19 - 5	24,055	2,336	26,391	31,178	
Tokoroa	0.00		*4,855	$2,427 \ 10 \ 0$	16,457	13,808	30,265	30,265	
Waikite			*6,206	6,206 - 0 - 0	12,952	15,020	27,972	27,972	
Wharere			$\begin{cases} 1,779 \\ 1,463 \end{cases}$	$\begin{bmatrix} 3,848 & 2 & 1 \\ 370 & 0 & 0 \end{bmatrix}$	$\begin{vmatrix} \\ \\ \end{vmatrix}$ 37,043	9,066	16,109	49,957	
Whirinaki			*1,320	330 0 0	2,497	8,163	10,660	10,660	
Totals			61,110	72,616 8 3	319,132	134,442	453,574	508,215	

<sup>\*</sup> Indicates Crown land,

# BLOCKS UNDER THE SUPERVISION OF THE SUPERINTENDENT OF LAND DEVELOPMENT, TE KUITI. General.

Though the season now drawing to an end has been one of the most kindly experienced for many years, it has nevertheless been one of the most difficult in respect to control of pastures and noxious weeds.

Swede crops during the winter were generally very good throughout the district, and this, coupled with a remarkably early spring, resulted in pastures and weeds getting out of control. Those depending on the purchase of stock through the winter for control work in the spring were doubly caught, as they found normal sellers reluctant to part with their stock.

Hay crops have been heavy, and though the weather was not ideal for late crops, a large surplus has been built up and most of the older blocks have a carry over equal to their annual requirements.

This year's swede crops, amounting to some 2,000 acres, are probably not as good as last year's, but nevertheless they are very fair and no trouble is anticipated.

As mentioned above, all our stock wintered very well, with the result that fat stock sold to the freezing companies this season was, on the average, far heavier than we have ever previously experienced.

Deaths in stock and more particularly in sheep remain fairly high. A very close and helpful association with the Stock Inspectors stationed at Te Kuiti and Te Awamutu has done much in the investigation of these losses, but nevertheless it is felt that we are still far from a solution of the difficulty and even far from establishing the real cause. The majority of the deaths are accompanied by the symptoms of jaundice, and further investigation of the complaint known as "enzootic icterus" would appear to be more than worth while.

13 C.—1.

The results from dairying have this season been most gratifying, and despite the good season there is every reason to place a lot of the credit to the bonus system of payment. Despite some uncertainty in respect to the killing of pigs for export, the results this season are the highest ever attained by this branch

During the year seventeen more settlers were established on the Waikato blocks in accordance with the agreement entered into with the Waikato Land Settlement Society, and the results attained by these and the other ten settlers who were already established when the Department assumed control have been very fair indeed.

Several properties have been inspected with a view to purchase for soldier settlement, but no further action has been taken meanwhile.

A gradual reduction in the number of men employed on development has taken place throughout the year. At one stage a large number of men were permanently released so that they could assist private farmers, and service in the armed forces has constituted another quite substantial drain.

Despite this, a great deal of useful development work has been carried out, with the result that 5,000 acres of additional grass has been established. Incidental to this, fencing of the grassed areas has proceeded normally, while other men have been engaged on stumping, cultivation for winter feed, draining of swamps, &c.

The first step in a gradual increase of breeding-stock was made this season by increasing our ewes from 20,000 to 30,000 and our breeding cows from 1,500 to over 2,000. There was also an increase in our dairy herds from 500 to 700. Despite a preponderance of young sheep and the alienation of further areas at Kairangi and Karakariki, the wool-clip for this year was 649,549 lb., as against 507,179 lb. the previous season, while production of butterfat has shown an increase of 64,517 lb. over the previous year.

#### ARIA BLOCK (413 ACRES).

Two adjoining blocks—viz., Jacobs' (250 acres) and Nicol's (163 acres)—were amalgamated to form this block. When taken over both sections were rapidly reverting and heavily infested with ragwort and blackberry. Clearing the second growth and blackberry was followed by grassing and stocking with dry sheep and cattle to regain control.

This last year the opening-up of swampy areas and the further control of weeds by closer fencing, manure, and stocking has allowed a ewe flock to be established and also a herd of run cows. Work is practically completed, though control of blackberry will have to be carefully watched for some time to come, while drains will require to be lowered as the swamp areas consolidate. Future prospects are bright, as the land is of good quality and the block is handily situated to Aria Township.

#### Arohena Block (3,987 Acres).

This block is made up of thirteen separate properties all of which were at one time farmed but abandoned as hopeless. These properties were Anderson's (383 acres), Broome's (211 acres), Dewson's (288 acres), Gifford's (261 acres), Dollimore's (474 acres), Scherer's (445 acres), Prendergast's (323 acres), Stephen's (365 acres), Thorley's (144 acres), Flanagan's (418 acres), Spence's (171 acres), Dormer's (340 acres), and Flett's (163 acres). Practically the whole area embraces "sick" country heavily infested with ragwort. The work carried out in the early stages of development consisted chiefly of stumping to allow room for the sowing of winter crops and the replacement of all existing fences with sheep-proof ones so that control of ragwort could be exercised. With the exception of one small flock of ewes established for the purpose of experiment in overcoming "sickness" by the use of licks, the whole area was grazed with wethers along with a few control cattle. The results show that this country can be handled and the ragwort and sickness kept under control. This season the ewe flock has been increased and more breeding cattle carried. Old pastures where ragwort has been controlled have been renovated, and areas reverted to scrub are now being opened up and grassed. Wool-sheds, dips, yards, and other facilities required in handling the area have now been established, while the old cottages and farmhouses have been made habitable for the wives and families of married workmen.

#### Bain's Block (169 Acres).

The occupier of this block had been assisted in many ways prior to 1936, when control was transferred to the Land Development Branch at Te Kuiti. Development work is now practically completed, and the area will winter this year 350 ewes, 120 ewe lambs, and a breeding herd of 33 polled Angus cows.

# BENTON'S BLOCK (1,013 ACRES).

This section, situated as it is at 1,500 ft. above sea-level in a heavy-rainfall district, is not one holding out any great prospects for the future. No attempt has been made to further extend development this season, and work has been limited to some squaring up of existing clearings and fences. About 300 acres out of the total area is available for grazing, and this winters approximately 500 ewes and 200 dry sheep, while control cattle are made available when required.

# Burn's Block (139 Acres).

Situated in the Te Rau-a-Moa district, 1,500 ft. above sea-level, this Block, like Benton's, was brought under control of the Land Development Branch when it was found that the occupier was in a hopeless position. The property then carried 10 cows and 150 cwes and was heavily infested with ragwort, while the grass was either very poor or wholly reverted. Work has consisted of stumping ground for crops, further clearing, and renovation of pastures, while, in addition, repairs have been effected to all fences and additional fences erected. To-day the block will winter 300 breeding-ewes, 80 ewe lambs for replacements, and 40 breeding-cows. With further control of ragwort the block shows that, though prospects are limited, there is no reason why it cannot be farmed successfully.

# Brough's Block (1,054 Acres).

The lease of this section being forfeited early in 1936 and all efforts to have it reselected being unsuccessful, it was decided towards the end of 1938 that the Small Farms Board should attempt reconditioning.

Approximately 300 acres is capable of development, and this has been cleared of scrub and fern, while swamps have been drained, fences reconditioned, and necessary facilities for the handling of the area have been established. Control work has been carried out with dry sheep and cattle.

# ELLICOTT'S BLOCK (3,158 ACRES).

This block is made up of the original holding acquired by the Small Farms Board in 1933 and a section of Crown land of 258 acres which was subsequently added. When work was first commenced the whole area with the exception of some 60 acres was covered with scrub, fern, and tutu, heavily infested with ragwort.

The area was roaded and twelve dwellings erected and the easier areas cleared of rubbish and grassed. Heavy control was exercised by using big flocks of dry sheep and the ragwort on the newly-grassed portions kept in check. During this season the more difficult areas linking up those already developed have been tackled, and a large block of some 500 acres was burnt and surface sown this autumn. Owing to the ragwort, Ellicott's will have to remain sheep-controlled for some years to come, though two dairy herds, one of thirty cows and another of sixty-five cows, have shown what may be expected when further development has allowed better grasses to establish themselves.

### Foss's Block (438 Acres).

Originally a section completely reverted to fern, scrub, and ragwort, this block has been grassed to the extent of 350 acres, while a new house and wool-shed have been built, fences erected, and a comprehensive water-supply installed. Approximately 45 acres remain to be developed, the balance being unsuitable. Time and careful stocking are still required to consolidate this light land and gain control of ragwort. The block when completed will make one very useful mixed farming proposition.

### Henderson's Block (786 Acres).

This block, situated within a few miles of Otorohanga Township, comprises easy slopes falling into a heavily-timbered swamp. When taken up for development the property was dereliet, with the slopes heavily infested with ragwort and the swamp practically undrained.

A road has been formed to give access to the swamp land, main and subsidiary drains constructed, and the ragwort areas regrassed or reconditioned. The necessary buildings and fences have been erected, and the more lightly timbered portions of the swamp have been cleared of surface timber. This is a most promising block situated in a good district, but further time is required to develop and consolidate the swamp land.

# KAIRANGI BLOCK (1,952 ACRES).

This was one of the blocks taken over from the Waikato Land Settlement Society in June, 1938. At that time 270 acres had already been alienated in the establishment of five settlers, and since the Department assumed control a further 567 acres has been similarly alienated in accordance with the agreement entered into with the Society. The balance of 1,115 acres is in the process of development in readiness for an extension of settlement. The block is well situated in a good district, and future prospects of successful settlement are bright. The existing settlers are making a good showing.

# Karakariki Block (2,407 Acres).

This block is made up of the original Karakariki Settlement of 2,043 acres taken over in June, 1938, from the Waikato Land Settlement Society and an adjoining area of 364 acres which was purchased the following year.

At the time the Department assumed control an area of 255 acres had already been alienated by the Society in the establishment of five settlers, and since that time a further area of 715 acres has been similarly alienated and nine more settlers established.

Of the balance of 1,437 acres, approximately 1,000 acres is steep bush-clad hills which it is not intended to develop, while the remainder is easier country covered with scrub, blackberry, and gorse, except for 150 acres which has recently been cleared and grassed. Several years must clapse before work is fully completed, as the regrowth of gorse and blackberry will require constant attention until completely eradicated.

Future prospects for this block are reasonably good and the existing settlers are making a very fair showing.

# Kaeaea Block (1,638 Acres).

Situated not far distant from Aria Township, this block comprises an amalgamation of four abandoned properties and an area of Crown land all adjacent to each other.

The block is made up of steep to easy faces of very good quality land falling into raupo-covered swamps. Work was commenced towards the end of 1939, and the first work was to open up over eight miles of main and subsidiary drains through the swamp so that what was virtually a lagoon of 350 acres would not obstruct the easy handling of the area. All fences were in a derelict condition, and these have been overhauled and either renewed entirely or renovated, while an area of over 400 acres of scrub-covered hill land has been cleared and surface sown. Bridges have been erected over the large drains, and over 200 chains of farm roads have been constructed.

Situated as it is, and having consideration for the quality of the land, this block, once the swamp has been developed, has bright prospects.

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# Kohua Block (1,094 Acres).

This block comprises two abandoned properties and an area of Crown land.

Originally reverted to scrub, fern, and rubbish, the area, apart from 330 acres of bush and 100 acres still to be developed, is now in good grass. A wool-shed and other essential buildings for the handling of the block have been erected, old dwellings reconditioned, and fences, all of which were in a derelict condition, have been renewed.

The block is well readed and handily situated to the main Aria-Mokauiti Road. Prospects for the future success of this area are good, but careful control grazing will be required for some considerable time owing to the heavy seeding of ragwort prior to the Department taking over.

# Langdon's Block (456 Acres).

This was another abandoned farm situated in the Arapuni district, and when taken over for reconditioning almost complete reversion had taken place, while rabbits and ragwort were abundantly evident.

All fencing had to be renewed and the area cleared of scrub and fern, while heavy stocking with dry sheep was necessary to overcome the ragwort with which the ground was heavily seeded.

To-day, with a new house and outbuildings, and already wintering 450 ewes, 300 dry sheep, and 50 breeding-cows, besides dry cattle, this block shows what can be done on this light reverted land. Further years of stock control are, however, necessary to avoid a return to the ragwort-infested and derelict property it once was.

#### LEE'S BLOCK (244 ACRES).

Situated within a few miles of Te Kuiti, this block was originally portion of a larger section. When purchased, approximately one-third of the area was cut-over kahikatea swamp, while the balance was easy slopes covered mainly with gorse, manuka, and fern.

The block was cut into four sections, and dwellings, cow-sheds, &c., erected on each, while the easy slopes were cleared and grassed and the swamps drained. As the swamps dried out, stumping and logging up were proceeded with, and owing to blackberry a very clean job had to be made of this work if continued clearing was to be avoided in the future.

This season three herds were milked, and the remaining one is to start this spring, so that the block is now fully equipped with four separate herds and also a ewe flock for ragwort control.

The future prospects of this block are good.

### MAIHIIHI BLOCK (443 ACRES).

This is a block of country situated on the terrace lands which lie between Maihiihi and Wharepuhunga. While the area is of easy contour, the soil is very poor and light, and the natural association is hungry, stunted scrub heavily infested with ragwort wherever openings occur.

Satisfactory results are, however, being obtained, and, in addition to a dairy herd of 30 cows, a ewe flock of 300 ewes has been established this season in addition to dry sheep and cattle.

While development work is approximately 90 per cent. completed, many years of careful stock control will yet be required before this block could safely be cut up for settlement.

### MANGAMATIOE BLOCK (535 ACRES).

Situated within one mile of the Township of Otorohanga, the block comprises an amalgamation of two adjoining sections which were abandoned and reverted to fern, scrub, and gorse prior to the Department taking them over. Both were heavily infested with ragwort, and the continued prevalence of this pest and also seedling gorse has necessitated heavy stocking with dry sheep and cattle. The block, however, is gradually coming under control, and female run stock in addition to a dairy herd are now being run thereon. As an indication of the future prospects, the dairy herd up to the end of March has already averaged 235 lb. of butterfat from thirty-four cows, while thirty-two fat bullocks sold this year averaged 766 lb.

Further stock control and grubbing of gorse for another two years is required before the block could be classed as safe for settlement.

# MANGAORINO BLOCK (831 ACRES).

This is an amalgamation of two abandoned properties a few miles from Te Kuiti. The land is all of good quality, but when work was commenced towards the end of 1939 both sections were hopelessly dereliet and rapidly reverting to fern and scrub. One of the dwellings has since been renovated, and all of the fences straightened up and renewed. A winding creek which was causing heavy flooding of the flat lands has been cleaned and straightened, tracks formed, 35 acres stumped, 30 acres cleared and surface sown, and 13 acres cultivated and sown in winter feed. The block will this winter carry 300 ewes and 50 cattle. The future prospects of the block are very good.

#### Mapara Block (5,106 Acres).

This block is a grouping of eleven abandoned properties adjacent to one another and an area of Crown land. Development was first commenced on one of the properties three and a half years ago, and though steady progress is being made some of the areas have not yet been touched. Work over the whole area is approximately 30 per cent. completed.

#### METCALFE'S BLOCK (336 ACRES).

Situated alongside Puketutu Railway-station on the Main Trunk line, this block was purchased by the Crown seven years ago when practically the whole area was unimproved. The block is now to all intents and purposes fully developed, for any further improvement can be effected only by the passage of time.

Three cottages wherein reside the three prospective settlers and their families, and all other necessary farm buildings, were early erected on the three sections into which the block is divided.

This season two herds have been milked on two of the sections, and this coming season it is intended to establish a herd on the remaining section.

Results from the dairying have been quite satisfactory, and there is no doubt that three quite good farms will in the future result from the development of this waste area.

#### NGATAMARTNE BLOCK (4,638 ACRES).

This block is made up of three areas adjacent to each other. These are Ngatamahine proper of 2,727 acres which was purchased and set aside for small-farm purposes in January, 1934, Kaiteringa, an area of 1,535 acres of Crown land set aside in January, 1937, and a property of 376 acres which was purchased from Mrs. Sundvick in April, 1939.

Ngatamahine proper was one of the original purchases of the Small Farms Board and represents a partially-developed property rapidly reverting. Kaiteringa was all unalienated Crown land wholly covered with scrub and fern, while Sundvick's was a partially-developed reverted property where the owners could no longer carry on.

Development work is still proceeding, for though there is already approximately 2,600 acres in grass, a further 700 acres are capable of development. This season six dairy herds were milked each on its own separate area and each under the control of one man. The results to date are most promising. The remainder of the block is carrying 2,300 ewes, 4,500 dry sheep, and 485 run cattle. The future prospects of this block are bright.

# Nilson's Block (604 Acres).

This is a block of steep broken country in the Waimiha district on which a prospective settler was established under the Unemployment Board's scheme 4c in 1931.

Owing to the bush-sick nature of the country and the prevalence of ragwort, it became obvious that the settler could neither carry on nor the country be developed unless access was available to dry stock in large numbers for short periods, and for this reason control was placed under the Land Development Branch in April, 1936. Since then, with the exception of fencing and construction of tracks, development has been chiefly by way of stock control.

With the advent of cobaltized super, the difficulty of breeding stock on this class of country has to a great extent been overcome, and it is hoped this coming year to re-establish the ewe flock which had to be done away with in 1936.

The property has little future, even with the overcoming of bush sickness, but is definitely of value in reflecting what can be done with safety on such country, of which there are tens of thousands of acres in the North Island.

#### OHAKUNE BLOCK (1,087 ACRES).

This block is situated within one mile of Ohakune Township, and when taken over by the Small Farms Board for development was practically all in stumps, logs, fern, and run-out pasture. The development work was originally in the hands of the Public Works Department, but complete control was taken by this Department eighteen months ago.

Up till this year Ohakune Block has been used to a great extent as a winter reservoir for stock, as it was ideal country for the growing of swedes, and it was essential to have such an area available until development of other blocks in the King-country had reached a stage where stock could be wintered. This year, however, steps have been taken to start the block on self-contained lines, and a ewe flock of 1,000 has been established. In addition to this, the 650 acres of pasture has carried 1,800 dry sheep and 190 run cattle. Of the total area, approximately 370 acres remains to be developed, for though a lot of this area is used as a run off for stock, it is not yet in English grass.

# OTORU BLOCK (1,215 ACRES).

Situated on the high land lying to the west of the Waipa River in the Mangaorongo Survey District, this block is made up of three abandoned properties which adjoin each other—viz., Cruickshank's, Larsen's, and Merrin's. Of the total area of 1,215 acres, only some 750 acres is capable of development, the remainder being bush land which it is not intended to touch.

Though light country originally in fern, scrub, and reverted grass, this block has responded well to the treatment adopted of consolidating with stock following manure.

The present carrying-capacity of what is a comparatively small area of grassland some of which is far from its peak possibilities reflects this treatment. This winter the block will carry, 1,700 ewes, 700 dry sheep, 100 breeding-cows, and other young cattle.

The future prospects of this country, once control of ragwort is effective and the land further consolidated, are bright.

## Piha Block (26 Acres).

This is a small holding paddock handy to Te Kuiti on which have been erected cattle and sheep yards. Owing to the prevalence of gorse, a programme of grubbing and ploughing will be essential this coming year.

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#### Patoto Block (721 Acres).

Situated on a blind road not far distant from Mokauiti, this block comprises three abandoned properties which, when taken over for development, had almost completely reverted to scrub and fern. Of the 721 acres, 243 acres are in standing bush which it is not intended to touch, while of the balance 380 acres is already in good grass and carrying 570 ewes besides dry sheep and cattle.

The land is mostly fairly steep, but good healthy country where stock respond well.

#### PIU BLOCK (5,944 ACRES).

Piu Block, situated on the main Te Kuiti – Taumarunui Highway, is an amalgamation of Piu Settlement and thirteen abandoned Crown securities surrounding that settlement. The various units are Piu Settlement (1,826 acres), Olsen's (184 acres), Zimmerman's No. 1 (181 acres), Brickland's (158 acres), Robertson's (158 acres), Geddes' (838 acres), Arndt's (301 acres), Buchli's (206 acres), Logan's (321 acres), Gillespie's (167 acres), Wall's (603 acres), Orr's (431 acres), Patillo's (411 acres), and Zimmerman's No. 2 (159 acres).

The first of these areas was brought under the control of the Small Farms Board in December, 1935, the next four in 1937, and the remainder in Nevember, 1939. Some of the country, and particularly that embraced in the last group, is very rough and broken, but nevertheless with heavy stocking following the burning of the fern and sowing in grass the position of desolate waste which these properties had become can certainly be retrieved.

Though work on some of the area is of very recent date, over 2,150 acres is already in grass and will this winter carry 1,500 ewes, 4,800 dry sheep, 100 breeding-cows, and 260 head of cattle. With patience in the handling of this area and a not too early replacement of dry stock with ewes and cows its future should be assured.

### PRATT'S BLOCK (166 ACRES).

This area was set aside for small-farm purposes in 1933. It was subdivided into three sections, and three prospective settlers were established. Since that date the area has been developed to the stage where dairying could be carried out, and last spring the one remaining prospective settler was granted a lease over the section of 55 acres occupied by him. The remaining two sections, both of which run a dairy herd, have been farmed by the Department as separate units this season. The results show, despite good management by the occupiers, that further pasture development is essential before either of these areas could return a fair living. This is a matter of good husbandry coupled with age and ample manure.

#### Pururu Block (2,876 Acres).

This block is made up of two areas of 2,682 acres and 194 acres. The former area was the first of the development schemes undertaken by the Land Development Branch in Te Kuiti, and work thereon commenced in October, 1933, while the latter area was an abandoned property added in November, 1937. When work commenced in 1933 it was confined to the easy central area of 900 acres, but since that date continued extension has taken place until now two-thirds of the area is in grass and the block is well provided with buildings, roads, water-supplies, and other facilities necessary for the working of the area. This season 130 cows have been milked, with excellent results, and in addition the block has carried 1,100 ewes, 3,200 dry sheep, and 250 run cattle.

The milking of the four dairy herds as separate units has, despite the good returns, shown that an ever-watchful eye must be kept on ragwort, for notwithstanding years of sheep control this weed still persists strongly.

### RAETIHI BLOCK (2,958 ACRES).

Two blocks which until eighteen months ago were being developed by the Public Works Department were amalgamated to form this block. These were Makaranui (1,512 acres) and Raetihi (1,436 acres). The whole of the Makaranui Sub-block is practically flat land originally in bush which had been milled, while Raetihi Sub-block consists of some 150 acres of steep country, the balance being easy slopes to flat heavily-timbered land.

Work has reach a stage where the block can now winter 3,300 ewes, 2,500 dry sheep, 275 breeding-cows, and 165 run cattle. Much work remains still to be done, but extensions of development will be proceeded with in association with the provision of winter feed. As new swede ground is required, areas in poor pasture are gradually absorbed, and following the crop, established in permanent pasture.

This it a good block of country and will eventually lend itself to considerable settlement.

# Rumbles' Block (379 Acres).

Situated on the main Kihikihi-Arapuni Main Highway, this block was first started in 1934 under the Unemployment Board's scheme 4c. As in the case of other similar areas, the occupier had insufficient command of stock and essential labour to ever make any real progress, the block was brought under the control of the Land Development Branch in 1936.

There is a lot of broken country despite the small area of the block, and development has been limited to approximately two-thirds of the total area. This winter the carrying-capacity will be 350 ewes, 260 dry sheep, 30 breeding-cows, and 25 dry cattle.

## MANGATI BLOCK (631 ACRES).

Two sub-blocks—viz., Puketotara (201 acres) and Te Tahi (430 acres)—go to make up this block. Puketotara was originally an unimproved Crown section covered with gorse and scrub and was first set aside for small-farm purposes in December, 1937. Work is proceeding most satisfactorily, and

when completed and the ragwort with which the block is heavily infested is controlled this area should make two attractive holdings. Many years of careful pasture management with adequate control of stock is required, however, before any settlement of the area could be wisely considered.

Mangati Block is now carrying 315 ewes, 840 dry sheep, 33 breeding-cows, and 85 dry cattle.

#### TAHAIA BLOCK (105 ACRES).

This was an abandoned Crown security which had almost totally reverted to scrub, fern, and gorse when work was commenced by the Small Farms Board in 1939. Since then all the boundary fences have been renewed and subdivisional fences erected. Practically all the scrub and gorse has been cut and the areas cleaned up and sown in grass. The old run-out pastures, which are heavily infested with ragwort, are to be gradually used as swede ground and so replaced with new grass.

This winter for the first time a small flock of ewes is being run as a control measure.

Though only a one-man farm, this area has every promise of being successful.

# TAPUWAE BLOCK (3,328 ACRES).

This block was purchased by the Land Purchase Board in 1930, and at that time, with the exception of 100 acres of grass, practically the whole area was in standing milled bush. Control was originally exercised from New Plymouth, but in July, 1938, it was decided to bring the area under the Land Development Branch in Te Kuiti, which was handling other areas in the vicinity.

Since then stumping and logging up has been proceeded with, as it was found that the initial fertility from the bush-burns was rapidly declining, and it became essential to top-dress and regain control on the steeper faces and also to provide swede ground for the winter months.

The area is situated some 2,000 ft. above sea-level and is typical pumice country which, before the advent of licks and top-dressing with cobaltized super, was definitely "sick."

This has now been completely overcome, and a test of breeding a flock and carrying the same through to when they were cast as four- and five-year ewes was successfully terminated this year.

Tapuwae will winter 2,900 ewes, 1,850 dry sheep, 245 breeding-cows, and 500 run cattle.

# VINCENT'S BLOCK (195 ACRES).

This was an abandoned section not far distant from Otorohanga which had deteriorated very badly when it was decided to take it over for development.

The land is in the main very light in quality, and one of the major problems is to get sufficient consolidation in establishing permanent pasture.

Development work has now, with the exception of some minor improvements, been completed, but the block requires careful pasture and stock management before it could be classified as a finished job.

This winter the carrying-capacity will be 390 ewes, 360 dry sheep, 33 breeding-cows, and 20 dry cattle.

Situated in a good locality, the future of this block as a single holding is bright, but patient handling of this light land is still essential.

#### WATHUKA BLOCK (2,319 Acres).

Three properties go to the making up of Waihuka Block. The whole area when work commenced in 1938 was a mass of fern, scrub, tutu, and on parts logs and stumps. The land varies in quality, but is chiefly the light pumice country encountered around Waimiha. Considerable progress has been made, and already there is in grass an area of 1,200 acres. In addition, the grassed area has been well fenced. A wool-shed, yards, and dip have been erected, and a considerable amount of draining and additional clearing effected. To-day the area, though the grass is far from the peak of its possibilities, is carrying 550 ewes, 680 dry sheep, and 50 run cattle, while during the spring and early summer additional control stock was made available.

A lot of work remains to be done, and even when this is completed further extended stock and pasture management will be required before any of the area could be alienated by way of settlement. Nevertheless, the future prospects of this country with good stock management and top-dressing with cobaltized super are quite promising.

# WAITANGURU BLOCK (9,918 ACRES).

This block is an amalgamation of various contiguous properties in the Mairoa and Waitanguru districts. The setting-aside of the various areas for small-farm purposes represents twenty-three separate transactions involving areas ranging from a few acres to over 1,800 acres spread over a period of seven years.

Work was first commenced in 1934, and has since been followed with considerable interest by all those aware of the early promise of this country, which was followed so rapidly with almost complete reversion and abandonment.

Development is still proceeding, and although the area is well fenced grass to date is only some 5,000 acres, the present carrying-capacity is 2,600 ewes, 7,670 dry sheep, and 1,070 cattle. Seven years ago the Small Farms Board stock in this area numbered 90 steers and 300 wethers.

Despite the past difficulty of breeding their own replacements of sheep in this district, it is now being shown that under proper grassland management plus cobalt that there is nothing to fear in handling this country. Nevertheless, control in this district, with its annual rainfall of 100 in., is exacting, and any relaxing of one's grip on developed areas is fatal.

Time alone will show when this control can be relaxed sufficiently to allow of settlement, but there is ample evidence that this vast area of more or less doomed country can be farmed with excellent results.

#### Watson's Block (1,045 Acres).

This was an abandoned section on the top of the range on the Waitomo - Te Anga Road. When taken over for development it was totally reverted and was at first handled by the occupier working under the Unemployment Board's scheme 4c.

Like a lot of similar areas, it was obvious, without command of control stock at the right periods of the year, that the occupier had little hope of ultimate success, and for this reason the block was added to those undergoing development by the Land Development Branch at Te Kuiti.

Work has progressed slowly but steadily, and to-day on 300 acres of grass there will be wintered

465 ewes, 360 dry sheep, and 54 steers.

Of the balance of 745 acres, only some 240 acres is suitable for development, and this is gradually being brought in without having recourse to much labour.

# Wharepapa Block (3,671 Acres).

This is one of the areas taken over from the Waikato Land Settlement Society in June, 1938, and is situated in the Wharepuhunga district. The land is light in quality, with here and there areas broken by outcrops of rhyolite. Unlike the other two areas taken over from the Society, no settlement has so far been effected at Wharepapa.

Since assuming control the Department has greatly increased the area in grass and reconditioned some 300 acres to 400 acres of older pasture. All the dwellings occupied by the prospective settlers have been renovated and in many cases extended, while each has been provided with hot-water services

and other amenities.

The roading of the block so that settlement can later proceed has been completed, and a

comprehensive water-supply installed.

The question of settling portion of the older country at Wharepapa in terms of the agreement entered ito by the Crown is now under review. A great deal of the block, however, requires further consolidation and improvement to the pastures before settlement could wisely be considered.

The stock carried to-day consists of 1,600 ewes, 6,300 dry sheep, 220 breeding-cows, and 450 other

cattle.

Particulars in respect of Blocks being developed by the Superintendent of Land Development, Te Kuiti.

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Table A.—Stock carried, and Receipts—continued.

		Sale	Sales: Run Cattle.			<i>3</i> 2	Sales: Sheep.			Sab	Sales: Pigs.			
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Dam 8 Renton's	0 5 	# 5	•	40 4	0 164	111 8 0		111 8 0	:	:	:	•	18	$353\ 10$ 6
Denicon s	101	9	:	487 10	0 482	399 11 0	1 10 0	401  1  0	:	:	:	:	16	•
Drougn s Branse'		0 0 229	:		Ť		5   95   16   1	1,722 7 6	:	:	•	:	¢1	$2,649\ 10$ 3
Thirston	# S	> <		192	0 108	_		60 13 6	:	:	:	:	ા	417 15 8
Ellicott s Foss's	96 :	37 0 0	430 19	_	7 2,123	,	539 14 9	₹;	48 3	39 0 0	0 6 08	119 9 0	Ξ	7,299136
Henderson's	59	400 o 1	: [2]	458 3		. 266 12 6 . 266 12 6	Ξ,	363 3 10	:	:	:	:	9	1,198 13 8
Kaeaea		2			8 1,204 0 1 1,469	1,003 7 6	2 8I 9cz	1,260 5 8	:	:		•		2,574 13 4
Kairangi	435	910	785 18			-	1 702 16 10	0 2 004,1	. 6	:	:	:	. !	1,707 12 0
Karakariki	131	92		298	<del>-</del>	-1			- 25	:	117 0 11	117 0 11	369 17 10	8,801 13 1
Kohua	:				-	819 17 6	3 4	1 770 9 4		:	01	0,7	20 10	
Langdon's .	25	165 5 8	:	165 5	8 270	213 17 6			: :		•	•	2 6	•
Lee's	:	:	:	:	164	127 8 0	œ	Ţ	97	0 0 2	:	. 65	٠	2.424 8 7
Mannini	: 1	:	:		979				14	:	42 0 0	42 0 0	91 18 8	
Мапрашаное .	40.	0.00	220 3	4 562 3	4 515		237 9 11		38 15	5 17 6	4	<b>6</b> 4	121 6 10	3,452 8 11
Mangaonno Mangati		- -	6 006	939 0	0 430				:	•	:	:	9	$1,683\ 16\ 0$
Mapara	144	<b>-</b>	1 200		0 1,049	0 21 006	1 992		:	•	•	:	66 11 10	1,953 0 5
Metcalfe's	48	0	2±0,4		0 1,200	<u>ئ</u> در	1,250 8	1,238 3 6	.:		: `	:	125 2 2	4,152 11 8
Ngatamahine .	. 187	0	2,362 3	9 2,372 3	е.	-10	1.830 5 5	_	159	4	468 17 9	468 17 9	30 4 I	2,248 IU 11 14 143 9 I
Nilson's	. 161	10		1,137 10		N.	:	183 19 0	:	: :	;	-	26 15 0	1.372 4 0
Onakune .	125	0 .		096			0		:		:		696 3 2	6,048 14 1
Otoru Patoto	200	114 0 2	741 13	3 855 19	5 2,177	1,319 16 0	758 12 9	2,078 8 9	:	:	:	:	139 18 7	4,448 3 1
Piha	<del>-</del>	:	CT C -	o 	627 6	:	9	874 16 8	:	:	:	:	ရာ ( ရာ (	1,257 15 2
Piu	45	415 0 0	30 .0	0 445 0	0 1.154	9 - 1 - 0	1 143 14 10	1 144 9 4	:	:	:	:	0 27 21	0 2 21
Pratt's .	:		:		:	:		H 1 :	100	: :		. <u> </u>	102 1 1	1.794 12 8
Fururu	140	0	515 1	<del>-</del>	-	4	1,290	9		3 10 0	371 17 9	375 7 9	593 4 6	8
Raetini Dumble's	133	0 0 800	132 1		ું.	1,221 3 6	717 19	1,939 3 3	•	:	:	•	239 16 5	4,873 1 0
Filipott's No 9	06	>		330	0 204	10 0 0	148 0 11	158 0 11	:	:	:	:	60 0 4	723 1 3
Tahaia	: :	: :	:	;		:	:	0 0 0 0	20	:	63 8 5	63 8 5	15 11 9	779 0 2
Тарижае	234	0 0.996	721 17	1   1.687 17	1 3 508	3 070 F	0 6 026	9 0 818 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	:		:	:	1 :	
Vincent's	29	0	:	121 0			_	164 11	:				55 / 4 60 10 ×	7,595 15 11 697 10 0
Waihuka	156	0	:	1,138 0	0 - 1,207	186 0 0	1.216 8 5	200	•	•	:		5 12	
Waitanguru	266	0 <	2,540 6		1 2,888	0 0 09	17	3,154 17 2	: :	: :		: :	289 2 8	531
Watson's	992	462 0 0		462	0 343	_	192 5 11	324 16 1	•	:	:	:	8	197 1
winatepapa	000	>	2,855 15	U 4,769 IS		1,447 3 4	624 13 4	2,071 16 8	:	:	:	:		
Totals	4,874	4,874 17,420 12 10	14,600 12	6 32,021 5	4 44,958	25,617 15 0	21,738 5 1	47,356 0 1	652 88	6 6	1,929 11 5 2,	2,018 1 2 6	6,232 6 7 1	142,426 14 10
				-			_							

Note.—Transfer values represent sales from one block to another.

Table B.—Year's Activities.

Aria Arohena Bann's Benton's Brough's Bruns' Ellicott's Ellicott's Ellicott's Kaeaea Kaeaea Karangi Karangi				or Men											-			erected.
ria rohena am's enton's rough's frough's frough's frouth's froott's fenderson's fenderson's farangi arabariki				empioyea.	For Year, To Dat	نه	For Year, To Date.	To Date.	For Year.	To Date.	For Year.	To Date.	For Year,	To Date.	For Year.	To Date.	For Year.	To Date.
ria rohena ann's ann's ann's antogeneron's rough's rough's arrough's arrott's oss' assaca arrangi arraharliki			Acres.		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Chains.	Chains.	Chains.	Chains.	Number. Number	Number	Number, Number	Number.
rohena ain's enton's rough's arns' arns' liftott's oss fenderson's acaca arahariki		;	+13	ũ	141	366	T	16	<b>L~</b>	1~	45	371	7.0	200				L-
ain's enton's rough's urns urns urns coss coss ceace acaca acaca carakariki		: :	3,987	35	567	2.065	297	826		. :	50	; c:	1.130	17 10 10 10 10 10 10 10 10 10 10 10 10 10	: :	. 61	*	85
enton's rough's urns' flicott's coss' fenderson's agaea annaharliki araharliki		:	169	_	50	80	1~ (*)	156	:		) ! :	( c)	00	370	: :	1	**	2
rough's urns' likott's oss' seaca acaca arangi araharliki		: :	1.013	_	!	; 4	· ·	06	t-	; <del>-</del>		ı	0.00	17			1	ı 0
llicott's Oss' lenderson's ageaga arangi arahariki	-		1 054	। <del>च</del>	+ <del>1</del>	506	 69	7			101	156	) (X	. oc	•	:	. –	i 1.~
llicott's oss' lenderson's aeaea airangi arahariki		:	- 08.	+ G:	5	100	8.0	000	:	43	2		3	920	:	:	4	- 0
nacous conderson's acaca annangi		:	200	10	•	900	230	2 2 2 2 2 2	:	P.	::	e∪e		2 2 3 2 4	:	· -		4 5
oss lenderson's lateaca latrangi arakariki	:	:	001.0	) (T	. G	0.40	0 0	250.1	:	:	1	100	्रव्म र्च •		:	3-	4	⊋ <u>-</u>
careerson's	:	:	) (%) (%)	3 OX	3 10	188	ĩ	200	96	969	: <del>"</del>	1.70	# #	- 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6	:	٦-		7 E
atrangi	:	:	1 630	) FG	016	464	903	503	- i	20	) er	261	- Car	866	:	4	40	30
anangi arakariki	-	:	1,000	1 -	2 5	1 401	1000	1 407	2	301	101	100	61.5	986 6	:		10	) 4: ) 4:
Ohns		:	157	 	170		110	1,58		ŝ	•	468	#108 #US		:	10	>	30
		: :	1 094	ောင္း	, rc	16	) ()	490	1 65	0.00	:	100	000	1,526	:	Ţ		6.00
anodon's		: :	156	•	30	464	30	302	!				1	000	•	:	•	ļ <u>C</u>
, col.		:	) T	l 1;~	4	925	한 <del>전</del>	1951	. 1-	. 0.	. art	. 60 51	. <u> </u>	116	:	+ 4	. m	9.0
Majhéhi			: E	. 10	i 6.	163	30	241		199		2 T	) )C 1 (X	- K	:		>	t ox
Wancamahoe	:	:	223.0		6	503	284	1 <del>4</del>	. 65	230	· 보다	166 6	5	x x	:	H	<u>-</u> -	91
Mangacino	:	:	0 00 00		1 60	4	1 1 -	) t~	7000	6. 4.	1	9	808	4.08	•	4	·	e e
Mangacina		:	633	o oc	50	909	150	<u> </u>	i ;	, c		94	63 L-	8.68 8.68 8.68 8.68 8.68 8.68 8.68 8.68	:	, pos.	+	- 61
Manara	: :	: :	5.106	) 6::	166	1.418	483	1.454	25	) 00 	80 80 80 80 80 80 80 80 80 80 80 80 80 8	1.243	580	2.320		4 0.1	, 1G	110
Metcalfe's	;	:	337	10	YQ.	299	ŏ	332	:	:	64 64	529	11	899	:	ಣ	₩	1
Ngatamahine	:	:	4,638	40	225	1,989	425	1,922	40	1,605	65	1,593	623	3,974	:	Ξ	ന	06
ilson's	:	:	€04	-	01	#	:	10	:	:	:	:	:	228	:		:	୍ୟ
Ohakune	:	:	1,087	П	:	$91\tilde{o}$	125	323	:	28	:	30	125	617	:	-	:	9
Otoru	:	:	1,216	9	35	898	124	748	:	92	:	;	<u>50</u>	1,759	:	ಣ	-	18
Patoto	:	:	721	ତ <b>।</b>	;	534	:	415	:	:	01	30		. 930	:	:	:	<u> -</u>
Piha	:	:	56	:	:	ି ବୋ		ତା ତା	:	:	:	:	:	130	:	:	:	_
Piu			5,945	ග ආ	430	2,355	<b>3</b> 44	1,503	12	86	98	115	185	2,622		:	စ	23
Pratt's	:	:	III	G4	. (	,	[~ [	157		# ( 		95	50	53 66 7		೯೦ ಕ	•	<b>o</b>
Fururu		:	2,8,6 5,6,6	21.0	096 1	#1# C	167	1,627	2 5	07.0	7.7	425	æ :	4,509	:	4	eT •	9.
Kaetihi	;	:	2,008 8008 9108	4 G	9.6	2,300	300	909	131	276	162	2,503	2,518 8,518	9,9,6 9,0,5		G F	-	77 €
Kumbles'		:	37 F	SI <del>-</del>	n (	B 0 0 1	103	103	:	:	• 6	N 6	132	200				70 I
Lahala	;	:	COT	<del>ती</del> ह	000	100	000	95.			50	ล		101		:		o e
Lapuwae	:	:	5,526		701	010	 07 F	511	100	190	:	901	86	500	•	: -	Ŋ	71 73 c
Vincents		:	081	N I	. 6	017 000	0 0	101	## 1001	071	Ţ,	100	) 	1 12	•	-	:	က်
Walhuka	:	:	2,319	7.6	000	3883	06.	1,150	180	190		0000 4000	181	7003	:	:	:	21.0
wattanguru	:	:	9,910	70	000	100,1	187	)±0,4 Foe		: <sup>3</sup>	COT	80±	† C	100,4	:	<del>]</del> 1	SI G	BO -
Watson's	•	;	1,046	₩ <b>1</b> -	 G	7 7 8 8 1 0 0 0 1	900	7 07 C	9 7	7 6 6 6 6	: "	996	07.6	9 441	:	:	N	07
with repairs	:	}	110,6	7.	O.S	1,50,1	AUT.	7#167	:	000	#	ane	0#g	144.	:	-	:	00
Totals	;	:	66,171	458	4,133	30,060	4,968	24,715	826	4,697	1,338	11,314	13,092	52,844	-	105	55	884
						-							_					

Table C.- Expenditure.

Bloc	·lc			rea		Cost of A	equisition.	Develo	pment Exp 	enditure.	Total Expenditure, including Valu
				, mail		Freehold.	Crown Land,	To 31st March, 1940.	1940-41.	Total,	of Crown Land set aside for Development Purposes.
			Α.	R.	₽.	   •c	ŧ	£	<u>.</u>	ı.	£
Aria			413	-0	0		1,133	5,303	1,074	6,377	7,510
Arohena			3,987	Ĭ	31.3		6,955	35,316	10.314	45,630	52,585
Bain's			169	1	06		549	2,274	68	2,342	2.891
Benton's			1,013	()	30		622	1,217	714	1,931	2,553
Brough's			1,054	Į	22	1 11	400	3,748	742	3,490	3,901
Burns'			139	ı	24	400		1,624	197	1.821	2,311
Ellicott's No. 1			: 3,158	0	0	868	258	34,582	4,004	39,486	40,612
Foss'			138	0	17	811		6,871	177	7,048	7,859
Henderson's			785	3	36	5.516		i 12.144	348	12,492	18,008
Kacaca			1,638	2	16	162	1,452	2.033	6,008	8.041	9,656
Kairangi			1,114	2	33	11.416		9.117	5,955	15.072	26,488
Karakariki			1,436	3	32.4	4,750		8,292	4,535	12,827	17,577
Kohua			1,094	0	28		995	16,065	1,893	17,958	18,953
Langdon's			456	0	04		1,432	6,929	685	7,614	9,046
Lee's			243	2	1.4	1,612	. , 117	7.762	906	8,668	10,280
Maihiihi			443	$\tilde{0}$	38	1.497		4,633	781	5,414	6,911
Mangamahoe			535	ì	33	3,241	535	7,851	985	8,836	
Mangaorino			831	2	39	2,333		423	1,505	1,928	12,612
Mangati			631	3	25	109	684	8,168	1,303 $1,209$		4,261
Mapara			5,106	ő	09-8	10.7	6,281	20,052	1,209 $10,512$	9,377 $30,564$	10,170
Metcalfe's			336	3	10	676	0,201	5,043	832	1 2 2 2	36,856
Ngatamahine			4,638	ö	13.2	12,645	1.607	40.928	9,402	5,875 $50,330$	6,551
Nilson's			604	ĭ	12	1, 0.4.1	709	1,271	7,402		64,582
Ohakune			1,086	3	06	2,353	3,149	16,244		1,377	2,086
Otoru			1,215	3	$05 \cdot 3$	1	$\frac{3,145}{3,289}$	13,227	$1,268 \\ 877$	17,512	23,014
Patoto			720	3	27		659	$\frac{13,227}{4,264}$		13,104	16,393
Piha			26	ï	$\frac{27}{28}$		107		695	4,959	5,618
Piu			5,945	ő	$\frac{1}{31.8}$	3,864	7.269	$\frac{385}{22.808}$	33	418	525
Pratt's			110	3	09	655			6,473	29,281	40,414
Pururu		• •	2.875	2	04	000	 E E41	4,542	53	4,595	5,250
Ractihi		• •	$\frac{2,875}{2,958}$	0	04	14 340	5,541	30,884	6,116	37,000	42,541
Rumbles'			379	Ĭ	0 05	14,246	4,711	53,599	7.315	60,914	79,871
Central Store			379			489		2,412	546	2,958	3,447
Ellicott's No. 2	• •	• •	177	0	0	40	• •	550	668	1,218	1,258
Tahaia	• •		105	0	0 :	3,547		1 000			3,547
Tapuwae						10 31	287	1,282	341	1,623	1,910
ларимае Те Кан-а-Моа			3,328	1	$25 \cdot 4$	19,211		5,642	3,564	9,206	28,417
Vincent's			380	0	0		380		• •		380
Waihuka	• •		195	2	28		877	2,799	396	3,195	4,072
Waitangaru	• •		2,319	0	10		1,808	12,886	3,919	16,805	18,613
Watson's		٠.	9,918	0	32-4	5,194	6,698	33,370	13,375	46,745	58,637
		• •	1.045	3	22		499	3,373	644	4,017	4,516
Wharepapa		• •	3,670	2	27.6	19,751		12,515	6,082	18,597	38,348
Totals	- •		66,732	0	15.2	115,498	58,887	460,428	116,217	576,645	751,030

Particulars in Respect of Established Farms under the Supervision of the Land Development Branch, Te Kuitl.

	Block.		  -   Area.	Number	Rental	Amount of Instalment	Amount of Current	Stock o	arried, 3	ist March	, 1941.	ated al ual nue.
		1		Hold- ings.	Value,	Mortgage,	Account.	Dairy Cows,	Dry Stock.	Sheep.	Horses.	Estim Tot Ann Beve
Kairangi Karakariki		· [	A. R. P. 838 0 20 714 2 25	] ]38 [44]	£	£ 19,989 23,494	6,724	359 421	213 174	545 338	] [6 19	£ 7,960 9,115

BLOCKS UNDER THE SUPERVISION OF THE COMMISSIONER OF CROWN LANDS, NAPIER.

AHURIRI LAGOON (7,753 ACRES).

Development operations have progressed steadily during the year.

Another area of 138 acres, lying adjacent to the northern part of the lagoon, was purchased. Included in this area were 20 acres of good flats which are being cultivated and sown in maize, which appears to be a satisfactory crop. The balance of the area has been cleared of noxious weeds and top-dressed, and will prove a valuable asset in the event of heavy flooding on the other lagoon area.

The season generally has been a very good one, the stock wintered well, pastures improved, and the crops were better than formerly. A new area of 180 acres of permanent pasture has been successfully established, and also a further 20 acres of lucerne have been laid down, with good results. Seventy acres of temporary pasture have been sown for a hay crop, and 200 acres have been sown in barley for winter feed. The root crops this year have been limited to 10 acres of mangels and  $5\frac{1}{2}$  acres of sugar-beet. The former is the best crop so far obtained, but the growth of the latter has been disappointing.

Owing to heavy growth in the spring, it was decided to make ensilage of 70 acres of barley and 20 acres of lucerne. This is the first time this crop has been so saved, and it is hoped that it may prove profitable and suitable to be included in future operations.

Hay has been harvested off 40 acres of lucerne and 80 acres of pasture. Provision for winter has been considerably improved, and it is anticipated that there will be a satisfactory increase in the winter carrying-capacity, so that purchases in the early spring may be reduced.

Green-manuring and liming experiments have given very encouraging results.

One very cracked area was disked, and sown with Melilotus alba, aster, and stag grass, and it has given a very satisfactory cover. The oversowing of some of the poorer pastures with grass and clover seed, and the crushing with sheep, has also proved satisfactory.

There has been a further increase in the growth of natural cover, due to the very favourable season and the gradual diminution of salt content. An area of 830 acres has been top-dressed, and the pastures

have improved.

A crop of peas for canning was grown, and from  $6\frac{1}{2}$  acres the net return was approximately £17 10s. per acre. No potatoes or carrots were grown this year but 20 acres of pumpkins have been

sown, and appear to be a satisfactory crop.

Approximately 7,000 fat sheep of good quality have been sold. The number of Down lambs has been reduced, and it is intended to build up the flock by natural increase, so that early spring purchases will be restricted as much as possible. No Romney Cross lambs have been killed this year.

The stock wintered were 5,300 sheep and 72 cattle, and the maximum number carried was

10,900 sheep.

Live-stock carried—	31st March, 1939.	31st March, 1940.	31st March, 1941.
Ewes	 3,424	2,370	3,145
Other sheep	 4,435	2,710	7,357
Cattle	 35	5	194
Wool clipped (pounds)	 54,356	78,115	69,645

Particulars in respect of Blocks being developed by the Commissioner of Crown Lands, NAPIER.

	~	,			
Tabl	e A.—Stock	carried,	and	Receipts.	
701 1					

17	1					•	
Ahuriri Lagoon Bloo	3K						7 759 serve
Area	• •	• •	• •	• •	• •	• •	7,753 acres.
Stock carried							10 509
			• •	• •	• •	• •	10,502
Dairy cattle		• •		• •	• •	• •	104
Run cattle					• •	• •	194
$_{ m Pigs}$					• •		Nil
${ m Horses}$							3
m Receipts $-$							
Butterfat—							
Pounds							Nil
Value					, .		Nil
Wool							
Pounds	4						69,645
Value							£3,621
Cattle—							
Numbe	er						3
Value							£24
Sheep	• (	••	• •	• •	• •		
Numbe	r						6,979
Value							£7,490
	• -	• •	P *	3 7		, "	21,100
Pigs—							Nil
Numbe					* *		Nil
Value		* *		• •	3 11		
Sundries	•		• •	• :			£603
Total receip			* 1	8.7	• •		£11,734
	Tab	le BY	ear's Act	ivities.			
Ahuriri Lagoon Blo	ek						
Area							7,753 acres.
Number of mer							12
Area cleared of	bush, s	, scrub, &c					
							Nil
To date		, ,					Nil
New grass sown		• •	• •				
For year							250 acres.
To date		• •	• •				929 acres.
Grass recondition		• •		• •	• •	• •	vao actem
							125 acres.
For year		• •	• •	• •			230 acres.
To date		• •		• •	• •	• •	aores.
Drains construc							Nil.
		• •	• •				
To date	• •			* *	• •	• •	31,304 chains.
Fences erected-							40 1
For year			• •			• •	46 chains.
To date					• •	• •	7,061 chains.
Houses erected							3713
For year	. ,						Nil.
To date							2
Other buildings	4						
For year							2
*** 1							O.

# $Table\ C.--Expenditure.$

Ahuriri Lagoon Bl	oek—		.1				
Area							7,753 acres.
* Cost of acquisi	ition						
Land							£1,531 9s. 3d.
Improvem	ents						£186
Cash expended	, excluding	g subsidi	es and e	$\mathbf{x}$ penditu	re on stoc	ek and	
chatte	els						
To 31st N	Iarch, 1940	0					£37,940 6s. 1d.
	cial year l						£5,897 18s. 5d.
Total to 3	31st March	ı, 1941					£43,838 4s. 6d.
Total expendit	cure to 31s	t March	, 1941,	excluding	g subsidie	es and	
	chattels, b						£45,555 13s. 9d.

Particulars in respect of the Individual Holdings under the Supervision of the Commissioner of Crown Lands, Napier.

Allotted Holdings: (a) Where Charges have been fixed.

Block.	Area.	Number of Hold- ings.		ntals.	Insta	int of linent gage.	Amount of Current Account.	Stock carried.	Estimated Total Annual Revenue.
Karamu	A. R. P. 103 1 2	19	£ s 276 16	. d.	£ 9,274	s. d. 11 7	£ s. d. 3,982 11 7	45 cattle, 76 pigs,	£ 920
Richmond	196 3 31.8	38	116 17	6	20,096	10 7	303 7 10	110 cattle, 2 horses, 15 sheep, 20 pigs, 762 poultry	735
Individual holdings	680 3 17.6	12	324 7	6	1,270	0 0	449 13 1	176 cattle, 13 horses, 212 sheep, 29 pigs, 232 poultry	

#### Allotted Holdings: (b) Where Charges have not been fixed.

Individual block—				
Area		 	 	15 acres.
Number of holdings		 	 	1
Stock carried: Cows		 	 	3
Estimated total annual	revenue	 	 	£20

#### NELSON LAND DISTRICT.

#### PAKIHI LAND-DEVELOPMENT, WESTPORT (1,538 ACRES).

Of the total area of 1,538 acres, approximately 1,200 acres have been developed, the balance being useless land comprising terrace and peaty pakihi. Three hundred and thirty head of yearling to three-year-old dry cattle are at present being carried, and this represents about the maximum capacity in view of the fact that the wetter areas peach badly and can be used for summer grazing only. Although the best English grasses have been sown, they cannot be maintained, and Lotus major soon takes charge. Even this cannot be heavily grazed, as its life depends upon its self-seeding.

The herd on the experimental farm unit of approximately 100 acres was this year reduced from thirty-four to twenty-nine cows, but production showed an increase of 582 lb. of butterfat for the six months ended 31st March, 1941. The complete season's production should reach about 6,000 lb., which is still not satisfactory, having regard to the treatment this area has received. It is very problematical whether dairying can be carried on economically on Pakihi lands.

# Organ's Block (586 Acres).

In an endeavour to provide productive work for scheme 13 workers in Westport, the Board agreed recently to commence the development of this block of 586 acres situated on the Buller River about five miles from Westport. All wages are being found by the National Service Department (Employment Division), the Small Farms Board financing the materials expenditure.

The land is of good quality and offers prospects of successful development for dairying. When taken over, 80 acres were cleared, the balance being in bush. The whole area has been ring-fenced, and the cleared area sown down. Ten acres were put in swedes. Considerable drainage will be necessary, and good progress has already been made with the main drains. A cottage has been erected for the foreman.

<sup>\*</sup>Bulk of area held under lease from Napier Harbour Board.

PARTICULARS IN RESPECT OF BLOCKS BEING DEVELOPED BY THE COMMISSIONER OF CROWN LANDS, NELSON.

Table A.—Stock carried, and Receipts.

	Take 1 December	Total necespts.	${\it x}$ s. d. ${\it 3,053}$ 11 11
		Sunaries.	£ s. d. 783 14 3*
	Pigs.	Value.	£ s. d.
		No.	12
Receipts.	Sheep.	No. Value.	::
Re	σα	No.	::
	Cattle.	No. Value.	£ s. d. 1,788 15 0
	0	No.	173
	Wool.	Value.	::
	F-	lbs.	• •
	tterfat.	Value.	£ s. d. 346 8 11
	But	lbs.	5,914
	502#0 <u>D</u>	TOTOGO.	<b>0</b> Н
	D	180.	. 14
Stock carried.	Dun Cottlo	Tour Cartle.	342 70
St	Doing Cottle Bun Cottle	Carrie.	0
	30,43		::
	Area.		Acres. 1,538 586
			::
	Block.		Pakihi Organ's

\* Sales to Organ's Block of stock, lime, and manure, hay, &c., shed, and chattels.

Table B.—Year's Activities.

Other Buildings.	To Date.	Number.		Total Expenditure to 31st March, 1941, exlending Subsidies, Stock	and Chattels, but including Cost of Acquisition.	d. d.
Other	For Year.	Number.		1 Expenditure	d Chattels, bu Acquisition.	£ s 23,192 1,820
ected.	To Date.	Number.		Tota		
Houses erected.	For Year.	Number.		Chattels.	Total to 31st March, 1941.	£ s. d. 21,138 0 0 725 4 0
rected.	To Date.	Chains. 3,377 273		on Stock and	Total to	21,
Fences erected.	For Year.	Chains. 169 273		Cash Expenditure, excluding Subsidies and Expenditure on Stock and Chattels.	ear 1940-41.	s. d. 0 0 4 0
Drains constructed.	To Date.	Chains. 6,966 128		ng Subsidies ar	For Financial Year 1940–41.	£ s. d. 6,188 0 0 725 4 0
Drains con	For Year.	Chains.	re.	diture, excludi		
nditioned.	To Date.	Acres. 20 36	Table C.—Expenditure.	Cash Expen	To 31st March, 1940.	£ s. d. 14,950 0 0
Grass reconditioned.	For Year.	Acres.	Table C	Xn .		,
s sown.	To Date.	Acres. 1,335 20		tion or, if Cro	at Date of Setu	s. d. 0. 20. 0.
New Grass sown.	For Year.	Acres. 76 20		Cost of Acquisi	apart.	$\frac{\mathfrak{L}}{2,054}$
d of Bush, 5, &c.	To Date.	Acres. 12 44		,		Acres. 1,538 586
Areas cleared of Bush, Scrub, &c.	For Year.	Acres. 12 44				- ::
Number of Yen	employed.	11				::
1100		Acres. 1,538 586		Bloot	- Froots	::
		• •				: :
Rlook		Pakihi Organ's				Pakihi Organ's

\* Includes £155 11s. 8d. transferred to Organ's and included in that expenditure.

# LAND DEVELOPMENT UNDER THE LAND LAWS AMENDMENT ACT, 1929.

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The following additional areas, notes on which are supplied later in this report, were taken over by the Lands Development Board during the year for reconditioning and development:-

		Α.	R.	Ρ.
Arthurton-Clifton Settlement sections, Otago	 	3,551	1	12
Acton Settlement sections, Canterbury	 	561	0	0
Broadfields-Woodlau Settlement sections, Canterbury	 	618	2	32
Lauriston-Lyndhurst Settlement sections, Canterbury	 	329	0	32
Part Tangimoana Plantation, Wellington	 	100	0	0
		5.160	0	36

The area under the Board's control now totals approximately 72,701 acres, excluding the Molesworth and Tarndale Runs (239,624 acres), which are being farmed only with cattle with a view to hastening the natural regeneration of the denuded slopes.

The Board has continued to give financial support to Crown tenants for the development of their holdings, but its scope in this respect is strictly limited as the Act lays it down that only the lessees or licensees of undeveloped Crown lands are eligible to receive advances.

The following information is supplied in accordance with section 10 of the Land Laws Amendment Act, 1929 :=

Particulars of the Areas in respect of which Development Works have been undertaken DURING THE YEAR.

# North Auckland Land District.

Kapiro Block (100 Acres).—Experiments in grassing are proceeding on an area of 100 acres of typical ironstone land with a view to deciding whether the large areas of this type of country in the North Auckland Peninsula offer any scope for successful development and settlement. The experiments are controlled by the Superintendent of Land Development, Auckland.

Batten's Block (1,524 acres).—This property, which was held under security for advances under the Discharged Soldiers Settlement Act, came back on the Department's hands in 1933, and has been farmed ever since. The Lands Development Board took over in 1938, and has proceeded with a certain amount of additional clearing and grassing to improve the productive capacity.

#### Auckland Land District.

Galatea Estate (19,300 acres). Following two indifferent years, weather conditions were favourable in this district and the pastures have shown marked improvement.

There was a satisfactory increase in dairy production, and several herds in the district will average over 300 lb. per cow.

Apart from extensive cropping (560 acres swedes) and haymaking (852 tons), the principal work during the year was cultivation, grassing, fencing, and consolidation of existing pastures.

Preliminary work was also put in hand for the establishment of eight additional share farms.

# Gisborne Land District.

Te Wera Station (9,922 Acres).—Te Wera Station was acquired by the Government in 1927, and has since been farmed by the Department. It has now reached the stage where a standard flock is carried, and the trouble once experienced with bush sickness appears to have been completely overcome. All surplus stock disposed of recently has realized top prices.

With a view to making more adequate provision for winter feed, an additional 20 acres was stumped during the year. Other work undertaken included the top-dressing of 800 acres with cobaltized superphosphate.

The stock carried includes 10,453 sheep and 1,858 head of cattle.

# Hawke's Bay Land District.

Kaheka Estate (10,505 Acres). Development of this block was commenced in 1938 and was continued during this year.

The stock on hand at 1st April, 1940, was 11,145 sheep, 1,234 bullocks, and 17 horses.

During the year 76 chains of new fencing was erected, 30 chains of old fencing completely reconstructed, and 61 chains repaired.

Eighty-nine acres of new land, 35 acres of which was stumped, was ploughed and is now growing a good crop of swedes. Thirty-six acres last year in swedes was sown with Cape barley in the spring and produced a good sample of grain and a fair crop. This area was sown in permanent pasture immediately the crop was harvested.

One hundred and forty-five acres was top-dressed.

Shelter plantations were cleaned and blanks replaced.

In September, 1940, Mr. J. T. Young's renewable lease of 702 acres was absorbed into the block

and the stock, consisting of 450 sheep and 58 mixed cattle, taken over.

Altogether 3,282 lambs were bred, 3,825 wethers and 145 steers transferred from Kakariki, and 188 steers purchased.

A total of 5,114 fat wethers were sent to freezing-works (2,061 averaged 67.88 lb.), 605 forwardconditioned grown bullocks were sold together with 46 mixed cattle from Young's, 309 five-year ewes were sold, and 592 transferred to Lagoon Farm.

Two hundred and fifty-eight bales of wool were sold for £4,616.

The supplementary winter feed available is 89 acres of swedes—a good crop—100 tons of oaten sheaves, and 12 tons of hay.

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Stock on hand at 31st March, 1941, was 11,788 sheep, 936 bullocks, and 16 horses.

Kakariki Estate (19,287 Acres).—The farming and development of this block was continued during the year.

The stock on hand at 1st April, 1940, was 16,756 sheep, 35 mixed dairy cattle, 998 run cattle, 54 horses, 32 pigs, and 1,439 goats.

A further 337 acres of scrub were cleared and 290 acres of new ground stumped and ploughed.

Four hundred and eighty-nine acres were cultivated, of which 156 acres were sown in permanent pasture and 38 acres in barley, 3 acres peas, and 5 acres in potatoes, maize, and sugar-beet; 290 acres are growing a good crop of swedes.

Eighty-five acres of clover and meadow hay was harvested and baled.

One hundred and fifty-nine tons of superphosphate and 13 tons of blood-and-bone manure were used in the top-dressing of permanent pastures and growing of annual crops. No hill country top-dressing was undertaken this year owing to the difficulty in securing reliable labour.

Two hundred and fourteen chains of new fencing was erected, 195 chains completely reconstructed, and 40 chains remained

A further 3 acres was planted in timber and shelter trees.

A total of 4,181 lambs, 105 run calves, 2 foals, and 58 pigs were bred.

Altogether 1,311 fat lambs were frozen, 983 ewes and 164 wethers were sold, and 1,241 ewes were transferred to Kaheka, Lagoon Farm, and Waihau.

Three hundred and nine bales of wool were sold for £4,980.

The supplementary winter feed on hand is 98 tons oaten sheaves, 143 tons baled hay, and 289 acres swedes.

The stock on hand at 31st March, 1941, was 13,636 sheep, 36 dairy cattle, 994 run cattle, 50 horses, 40 pigs, and 1,054 goats.

Waihau Block (963 Acres).—Development operations during the year have consisted of fencing, cultivation, and top-dressing.

The boundary and internal fencing are now practically completed. The areas felled last year were sown and top-dressed, making a total top-dressed now of approximately 750 acres. The 60 acres stumped last year have been cultivated and sown in turnips, swedes, and part in grass after turnips; there are now nearly 100 acres in permanent pasture on cultivated land, and this will make it possible to harvest hay on the older portion this next season.

The pastures have responded very well to manure, and this in turn is reflected on better framed and conditioned stock. No lambs have been killed, and the flock now includes some ewes bred on the place. It will be possible to double the breeding-ewes next season.

The total number of stock wintered was 760 sheep and 70 cattle, and the maximum number carried was 2,120 sheep and 173 cattle.

Parinui Block (1,043 Acres).—The whole boundary fence has been repaired, and also the greater part of the internal fencing.

Development work consisted mainly of fencing. Nine hundred acres have now been top-dressed (about 300 acres have had three dressings); on this, subterranean clover has responded well, and there is ample evidence that white clover and the better grasses are becoming re-established.

About 60 acres of cultivated land has been sown in permanent pasture, making 130 acres in well-established permanent pasture after crops. Another 14 acres have been cleared and sown in swedes and soft turnips for the winter.

It has not been possible previously to cut any hay, but next season it will be possible to harvest from 30 acres to 40 acres of the older portion of the above pasture.

The number of ewes bred from was considerably reduced, and this, together with improved pasture, resulted in an increase in the lambing percentage, substantially reduced the losses, while there was an increase of nearly 6 per cent. in the weight of wool clipped from fewer sheep.

No Down lambs were bred, and no lambs were killed, it having been decided to build up the flock by breeding, and this has given very encouraging results—the young sheep are very well grown. It is intended to increase the numbers of both sheep and cattle now that it is possible to make better provision for winter.

# Taranaki Land District.

Cole's Block (593 acres).—This property, situated in the Ohura district, is another abandoned discharged-soldier-settlement security. For the district the section can be described as good, although it is hilly and presents its problems in the tendency to reversion, and bad access. Owing to the early rains the roads became unworkable before delivery of the autumn top-dressing could be arranged. On account of the absence of suitable areas for hay, a further 13 acres was cleared and stumped this year to allow ample provision to be made for winter crops. With the good season the stock has done better than usual.

Robinson's Block (694 Acres).—This is another discharged-soldier-settlement security also in the Ohura district. One hundred and fifty acres are steep and broken and valueless from a farming point of view. Of the balance, 100 acres are ploughable, 435 acres easy to steep hills, and 9 acres shelter bush. Ordinary farming operations were continued during the year, and resulted in a net profit, after charging up all working-expenses, depreciation, and interest, of £257.

29 C.—1.

Whangamomona Block (4,581 Acres).—The Development Board took over this group of six abandoned Crown leaseholds and securities in 1937 with a view to preventing reversion. Considerable improvements were made to the fencing during the year, and these have helped in the efficient farming of the block, which returned a profit for the first time. Owing to the isolated locality, satisfactory staff is difficult to retain.

Hawke's Block (101 Acres).—When this security came back on the Department's hands in 1935, a decision was made to retain control meantime. Λ herd has since been milked both on wages and shares, and the results have been most satisfactory. A reference to the tables given later will show that the butterfat production for the financial year was 15,827 lb., or £990 17s. 7d. The piggeries have been considerably improved, so as to obtain the maximum revenue from this source. The property is attractively situated three miles from Waitara.

# Wellington Land District.

Tangimoana Plantation (100 Acres).—In October, 1940, the Board approved of a recommendation for the experimental cultivation and grassing of 50 acres of the Crown land comprised in what is known as the Tangimoana Plantation. A decision to extend the experimental area to 100 acres was made in March, 1941.

It is yet too early to give any indication as to the success of the venture, but if the results are satisfactory an area of about 1,500 acres will be available for development and settlement.

# Marlborough Land District.

Torode's Orchard (68 Acres).—As picking is still proceeding, it is not possible to give a reliable estimate of the 1940-41 returns from this apple orchard, which has been farmed by the Development Board since the property reverted to the Department in 1935. However, the figure of 7,477 cases for the 1939-40 season, which resulted in a net profit of £220, should again be realized, if not exceeded.

The strict grading now enforced has resulted in a big increase in the rejects, and, to cope with these, pigs are being run. It is hoped to develop these into a profitable side line. Small areas of peas, mangols, and sugar-beet are grown as supplementary feed.

The shelter-belts have been deepened and extended by the planting of 1,700 additional pines.

Molesworth and Tarndale Runs (239,624 Acres).—The runs reverted to the Crown in 1938 in a deteriorated and rabbit-infested state. Large areas had been denuded of their natural covering, and in consequence erosion was very much in evidence. To re-establish the former productive capacity it was necessary for the Development Board to concentrate at first on the extermination or reduction of the rabbit pest. With this objective achieved, it was then possible to proceed with fencing, regrassing experiments, the establishment of plantations, and light stocking with run cattle. In 1940-44 the runs have shown increased benefit from the freedom from rabbits and the absence of sheep. Bare patches filled in well with native and other grasses, and all the tussocks seeded prolifically. Weed growth on the denuded slopes was particularly strong, especially where the topsoil had not disappeared altogether.

At the beginning of the year, 394 heifers and 327 steers were being grazed, but later an additional 138 heifers, 19 steers, and 22 bulls were purchased.

#### Canterbury Land District.

To the four blocks previously under development under this heading, three were added during the year viz., Broadfields-Woodlau, Lyndhurst-Lauriston, and Acton, totalling 1,508 acres. All are medium plains country with reverted pastures and with fertility depleted, and extensive cultivation and cleaning will be necessary before permanent pasture can be established. Acton is being farmed in conjunction with Ashton, some eight miles away.

Development work on the four previous blocks comprised sowing of new grass, drainage, and fencing, and much of this work was done more or less in the course of seasonal operations. Lambing percentages were satisfactory, and though dry weather at one stage threatened failure of the fattening feed, practically all lambs have now been realized. Additional areas of wheat were grown on two blocks, with satisfactory returns. The total area under development under this heading is now 4.020 acres

with satisfactory returns. The total area under development under this heading is now 4,020 acres.

Ashton (702 Acres).—This block, some twelve miles on the seaward side of Ashburton, comprises part of Ashton Settlement taken over from the lessees in 1931. Irrigation experiments were carried out by Lincoln College, and in 1934 full control by the Department was resumed. Development work carried out to date comprises regrassing, gorse-clearing, and fencing. The restricted supply of water precludes any extension of irrigation, but with the completion of the main Canterbury schemes the whole area will be irrigated.

The block at present carries 950 ewes, and sales of fat lambs realized £1,130 for the year. Wool proceeds totalled £461. Some 180 acres were under cultivation during the year. Forty-three acres of wheat were harvested, and ample supplementary feed is on hand for the winter.

Acton, a new block some eight miles distant, is being farmed in conjunction with Ashton, and the same plant is used on both blocks.

Acton (561 Acres). — This area, the balance remaining after an amalgamation of uneconomic leases, was taken over early in December last. It is situated some five miles on the seaward side of Chertsey between Rakaia and Ashburton. Standing crops when the block was taken over comprised 90 acres of wheat, and 20 acres of oats, and these, together with 30 acres of rye-grass, brought satisfactory returns. The balance of the block is in poor pasture, and extensive regrassing will be necessary. The stock at present totals 512 ewes.

C.—1.

Broadfields-Woodlau (618 Acres).—This block is situated between Prebbleton and Templeton, near Christchurch. On the two settlements five lessees were negotiated out. Of these, three remain on small holdings, and the balance is under development, being taken over in October last. Most of the block is heavily infested with twitch, and considerable cleaning will be necessary before the land is in condition for permanent grass and full stocking. Some 200 acres were under the plough during the year. The block was not stocked until the end of February. Small areas of rape seed and grass seed were harvested.

30

Development work in view comprises twitch-eradication and eventual establishment of permanent

pasture, extensions to the stock water-race system, gorse-clearing, and fencing.

Lundhurst-Lauriston (329 Acres).—This block is situated close to Lauriston on the Rakaia-Methven Railway and was brought under development in September last on forfeiture of the leases. The land is in depleted and dirty condition after some years of excessive cropping and will require to be regrassed throughout. The only stock carried during the year comprised 273 lambs, all of which have been fattened. At present 183 ewes are on the block. An area of 185 acres was under cultivation, and ample winter feed is on hand.

Tripp (491 Acres).—This block of foothill country near Woodbury, Geraldine, previously used for wintering sheep and cattle from other blocks, this year carried its own stock. Present stock comprises

390 sheep and 30 cattle.

The dry summer favoured Tripp, and with 24 acres of excellent rape all the Tripp lambs were fattened and several hundred lambs from Valetta were topped off with some weeks grazing. A heavy oat crop went down during bad weather and half the crop was lost. Turnip crops did well, and an additional 22 acres was sown in permanent pasture. Future development will comprise scrubcutting, fencing, mole draining, and further grassing. It is hoped to grow linen-flax on this block this

Brinklands (1,120 Acres).—This area near Fairlie was purchased in 1929 and offered for selection in 1930, but unsuccessfully, and since that date has been farmed and developed by the Department. Considerable draining and clearing of gorse has been completed. The block at present carries 1.548 ewes and an average of 100 run cattle which fatten well in the drained swamps. Some 260 acres were under cultivation during the year. Forty-nine acres of wheat realized £439, and the wool-clip

£969. It is intended to grow linen-flax this year.

Future development will comprise further drainage, fencing, and grassing.

McKenzie (199 Acres).—This area of 199 acres at Woodbury, Geraldine, has been farmed by the Department since 1933. Considerable drainage work has been done and good pastures established over much of the block. A dairy herd averaging 50 cows produces 11,000 lb. to 12,000 lb. butterfat per annum, and the gross revenue from the pigs for the past year amounted to £270. The herd will be increased during the coming season. Labour costs are high on this block and it will shortly be placed on a share-milking basis.

# Otago Land District.

Arclif Block (3,551 Acres).—In February the Lands Development Board agreed to take over and recondition Sections 1 and 2, Arthurton Settlement, and Section 34, Clifton Settlement, comprising three abandoned Crown securities for which suitable tenants could not be obtained. A complete programme of work is being drawn up, and a start will be made in the near future.

PARTICULARS IN RESPECT OF BLOCKS BEING DEVELOPED UNDER THE LAND LAWS AMENDMENT ACT, 1929.

Table A.—Stock carried, and Receipts.

			so.	Stock carried.								Receipts.	ets.					
Block.	Area.	Sheen	Dairy.	Run.	Horses	Ä	Butterfat.	rfat.	Wool.	10	Cat	Cattle.	Sheep.	·di	Pigs.	y,		
			Cattle.	Cattle.	HOLSES.	i i i	Pounds.	Value.	Pounds.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Sundries,	Total.
B. 44 cm 3.	Acres.							क्स	4	4		C+		٠		e e		
Galatea Station	$\frac{1,524}{0.300}$	4 1,039 8 785		201	, o <u>r</u>	:	: [	:	7,411	331	18	138	654	470	:	₩:	1 <u>~</u>	£ 946
Galatea Share Farms	:		491	000.0	16	253	110.913	102	83,938	3,837	1,640	15,515	3,767	4,831	:	• • •	:	24,285
Kabambi	9,922		:	1,782	35	:	:	2	118.970	 5.346	388	. 1	£ 0.35	2 750	193	543	:	6,756
Kaheka	19,28/	7 13,636	98 7	766 176	50	40	2,890	182	123,387	4,980	402	3,562	9,974	10,453	. 31	102	598	11,032 $19.877$
Waihau	963	_	+	180	10	:	•	:	96,889	4,619	651	5,820	6,452	7,563	:	:	319	18,321
Parinui	1,043		က	7	1 00	::	: :	::	10,708	507	8 4	797 538 538	218 540	223 450	:	:	51	1,192
Robinson's	593	721	:	125	C) (	:	:	:	8,620	368	43	233	495	356	: :	: :	<u> </u>	1,221
Whangamomona	4,581	ાં	: :	336	И 1С	•	:	-	7,173	304	99	306	528	406	:	::	4	1,020
Hawke's Tangimoana	101	: 	105	:	· 61	18	15,827	066	200,67	1,013	137	707	1,119	1,139	: :	68 :	55	2,927
Torode's	.: 89	: :	:	:	:	:	:	:	:	:	:	! :	: :	: :	3 :	:		1,100
Molesworth	239,624		: :	946	6 :	29	: :	::	: :	: :	:	96		: :	:	:	2,310	2,310
Ashton	100		:	:	,	:	:	:	:	:	:	:	:	:	: :	: :	420	122 420
Brinklands	1,120	· —	35	4.63	9	: :	: :	:	9,055	466			1,238	1,288	:	:	402	2,156
Droadnelds	618		:	:	67	:	: :	: :	007.01	909	130	000,1	1,037	1,736	:	:	699	5,012
Tripp	329	390	:	:	,— <b>T</b>	:	:	:	22	<b>-</b>	: :	: :	. 83	- 88 :	::	: :	81	70. 10. 10. 10. 10.
McKenzie		•	59	14	# <del>4</del> 1	: 48	11,197	7.11	7,800	142	: 	::	466	437	:	:	75	654
Totals	319 395	700 701	1 961	000						:	3		:	:	2	210	4-1	1,145
	370,210		106,1	9,528	184	888	142,599	8,198	527,675	23,540	3,714	30,644	31,222	33,231	347	266	5,258	101,882

Table B.—Year's Activities.

Other Buildings erected.	To Date.	Number.	•	304	: =	m	က	ന	;	:	:	:	:	ı	63	:	:	:	:	:	<b>©</b> 1	,	329
Other B erec	For Year.	Number.	:,		:	ଚୀ	:	_	:	:	:	:	:		ତୀ	:	:	:	:	:	:	:	os o
erected.	To Date.	Number.	. ;	9 -	4 00	ಣ	-	_	:	:	:	:	:	:	:	:	:	:	:	•	•	:	30
Houses erected.	For Year.	Number.	:	:	: _	-		:	:	:	:	:	:	:	:	:	:	:	:	:		:	ç1
rected.	To Date.	Chains.		14,415 3,600	4.773				:	:	740	:	:	32	127			1,014	37	33	364	92	28,348½
Fences erected.	For Year.	Chains.	:	358	2.609	129	443	155	:	:	305	:	:	32	127	:	- 28	:	37	33	:	55	$3,899\frac{1}{2}$
Drains constructed.	To Date.	Chains.		2,601	: :	:	:	:	:	:	:	:		•	20	:	:	284	:	:	359	130	3,394
Dra consti	For Year.	Chains.	:	:	: :	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	33	:	33
ass tioned.	To Date.	Acres.	. !	5,682	2.722	40	670	625	:	:	:	20	:	:	:	:	200	340	:	:	8	:	10,979
Grass reconditioned.	For Year.	Acres.	:	1,540	3	40	45	225	:	:	:	:	:	:	:	:	200	80	:	:	80	:	2,810
New Grass sown.	To Date,	Acres.	200	11,055	678	120	74	111	:	:	:		100	:	200	:	403	740	26	32	39	56	15,791
New Gra	For Year.	Acres.	000	921	: 408	120	74	99	:	:	:	:	100	:	150	:	53	62	5e	35	22	23	2,124
Areas cleared of Bush, Scrub, &c.	To Date.	Acres.	200	8,305	13,650	2,762	780	1,043	496	684	2,202	101	:	:	:	:	:	:	:	<b>∞</b>	:	9	32,194
Areas cl Bush, Sc	For Year.	Acres.	15	210	310	448	:		13	:	:	:	:	:	:	:	:	:	:	00	:	9	1,010
Number	employed.		ল <u>;</u>	တ္ကင	17	৵		ભ	~-		က	-	:	c1	4	_	01	ಣ	_	:	-	-	94
į	Area,	Acres.	1,524	19,300	19.287	10,505	963	1,043	593	<b>†</b> 69	4,581	101	100	89	239,624	561	702	1,120	618	329	491	199	312,325
			:	:	: :	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
			:	:	: :	:	:	:	:	:	:	:	:	:	:	:	:	:	;	:	:	:	:
	Block.		:	:	: :	: :	:	:	:	:	:	;	:	:	:	:	:	:	:	:	:	:	:
			Batten's	Galatea Station	Kakariki	Kaheka	Waihau	Parinui	Cole's	Robinson's	Whangamomona	Hawke's	Tangimoana	Torode's	Molesworth	Acton	Ashton	Brinklands	Broadfields	Lauriston	Tripp	McŘenzie	Totals

Table C.—Expenditure.

Błock.		۱rea.	Cost of Acquisition or, if Crown land,	Cash Expenditure, exc	luding Subsidies and land Chattels.	Expenditure on Stock	Total Expenditure, to 31st March, 1941 excluding Subsidies
MACA.			Value at Date of setting apart.	To 31st March, 1940.	For 1940 41.	Total to 31st March, 1941.	Stock, and Chattels but including Cost of Acquisition.
	A	eres.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Batten's		1,524	3,450 - 0 - 0	2,356 11 4	1.033 - 6.10	$3,389 \ 18 \ 2$	6,839 18 2
Galatea Station	1	$9,300 \mid$	90,653 - 9 11	304,259 0 0	46.118 + 0 + 0	[-350,377  0  0	441,030 0 0
Γe Wera		9,922	67,320 - 3 - 3	18,160 0 0	80 0 0	18,240 - 0 - 0	85,560 - 3 - 3
Kakariki		$9,287 \mid$	23,985  3  4	32,559 13 4	$2,967 \ 15 \ 4$	35,527 - 8 - 8	$59,512 \ 12 \ 0$
Kaheka	10	0,505	$40,412 \ 12 \ 4$	8,789 9 11	77i - 2 - 2	$9,569\ 12\ 1$	49,973 4 5
Waihau		963	4,470  0  0	4,893 10 2	1,301 - 4 - 3	8,194 14 5	10,664 14 5
Parinui		1,043	5,220 - 0 - 0	3,358 6 8 4	$1,213 \ 16 \ 2$	$4,572 - 2 \cdot 10$	9,792 + 2 + 10
Cole's		593	2,278  0  0	359 17 11	$55 \ 10 \ 0$	415 - 7 - 11	$2,693\ 17-0$
Robinson's		694	$1,165 \ 18 \ 5$		6 - 1 - 0	6 1 0	1,171 19 5
Whangamomona		4,581	4,986 - 5 - 6	204 10 4	10 - 5 - 0	214 15 4	5,201 - 0.10
Hawke's		101	3,417  5  7	424 6 5	$20 \ 12 \ 3$	444 18 8	$3,862 \ 4 \ 3$
Tangimoana		100	$180 \ 12 \ 6$		483 - 10 - 3	483 - 10 - 3	664 2 9
Forode's		68	$2,574\ 19\ 6$	93 8 9	$123 \ 13 \ 2$	217 - 1 - 11	2,792 1 5
Molesworth	239	9,624	23,250  0  0	45 14 10	909 14 2	$955 \ 10 \ 0$	$24,205\ 10 \ 0$
Acton		561	$4,963 \ 11 \ 2$		$1,366 \ 18 \ 0$	1,366180	6,330 9 2
Ashton		702	$4,599\ 10\ 0$	3,656 17 9	$1,029 - 2 \cdot 11$	4,686 0 8	$9,285\ 10\ 5$
Brinklands		1,120	17,500 - 0 - 0	6,650 1 6	3,099 - 2 - 6	9,749 + 0	27,249 - 4 - 0
Broadfields		618	11,715 0 0		1,787 18 1	1,787 18 1	13,502 18 1
Eauriston		329	4,250  0  0		1,278 9 3	1,278 9 3	5,528 9 3
Fripp		491	$3,885 \ 16 \ 6$	1,897 10 7	1,234 12 8	3,132 3 3	7,017 19 9
McKenzie		199	$1,442\ 16\ 8$	2,306 8 2	1,282 6 1	3,588 14 3	5,031 10 11
Totals	315	2,325	321,721 4 8	390,015 7 8	66,173 0 1	456,188 8 9	777,969 12 4

Advances made to Crown Tenz	ANTS FOR	rne Di	EVELOPME	NT AND	Stocking	OF	тнегк Полог	NGS.
Number of tenants assiste	ed to 31st	March, i	1940				604	
Number of tenants assiste				the year			7	
Total to 31st Ma	rch, 1941						611	
Loans approved to 31st M	farch, 19	11, includ	ling loans	approve	d prior to	1st		
April, 1940 :					-		£	
Improvements							285,644	
Stock							22,476	
Amounts actually advance			1941, inc	luding ad	vances m	ade		
prior to 1st Apri	l, 1940 :-							
Improvements							270,923	
$\operatorname{Stock} \dots$						٠.	19,202	
The total amount advance includes re-advances of				x and im	broverser	ts w	as £27,400.	This

# SPECIAL SETTLEMENT OF INFERIOR LANDS.

The following summary of the lands dealt with during the year is furnished in accordance with the provisions of section 223 (14) of the Land Act, 1924:-

(a) Aggregate area of land set apart: Nil.

(b) Number of allotments and aggregate area disposed of: Nil.

The total number of allotments taken up and the area held as at 31st March, 1941, was thirty-six allotments, 7,078 acres.

# SERVICE BY MEMBERS OF DEPARTMENT WITH ARMED FORCES.

The following list contains the names of those members of the Department who, since the outbreak of war, have joined the Forces: --

# PERMANENT STAFF.

# Surveyors and Survey Cadets.

New Zealand Expeditionary Force.—J. P. Arthurs, A. E. Christian, G. L. Frank, L. L. Elder, C. W. Williams, G. E. Drake, K. W. Loan, J. A. McRae.

Royal New Zealand Air Force.—J. A. Henderson, F. B. Boaden, W. G. C. Gasquoine.

Royal Air Force.—T. P. Gibson.

Navy.—R. J. Gillon.

## Draughtsmen and Draughting Cadets.

New Zealand Expeditionary Force.—F. H. Jennings (discharged), W. Roberts, C. W. J. Pierson, A. Jamieson, E. E. Jenkins, O. H. Wilton, J. A. Hayward, P. R. Malthus, A. M. Terry (discharged), T. Manahi, H. Kereopa, D. A. Macmorland, W. T. Pethick, K. Gustofson, W. A. S. Jeff, D. C. Berry, R. A. Innis, D. R. Brenchley, P. O. Minson, H. D. McKechnie, W. N. Watson, J. H. Aburn.

Royal New Zealand Air Force.—W. A. Fraser, J. N. Whibley, R. H. Regnault, J. B. Lindup, J. C. Cantlon, E. Wickes, C. A. George, W. J. Runeiman, R. B. Spear, W. G. Sweney, J. H. Naylor, A. J. Woodgate, K. H. I. Easton, R. V. Snook, J. Lewis, D. B. Clark.

Royal Air Force, C. E. W. Evisou, D. J. T. Sharp.

Navy. W. McG. Panton (discharged), A. B. Burgham, G. G. G. Gibbs, K. S. Massicks, B. Roy, C. H. Brown.

#### Clerks and Clerical Cadets.

New Zealand Expeditionary Force. - R. D. Christie, F. E. Eunson, T. A. A. Palmer, H. L. Breeze, T. G. Ormus, J. Moore, N. G. Krebs, D. W. Flint, W. A. Bowick, R. S. C. Galbraith, A. E. Turley, J. S. Clendon, B. J. Hickin, E. A. Byrne, M. Ryan, R. J. McElroy, C. J. Burgham, W. Andrew, R. B. Herriott, J. D. Walton, A. M. Swale, G. O. Balfour, S. P. Norrie, G. Mollett, J. M. Lindsay, N. F. Johnson, A. K. Allan, F. M. Vickers, A. A. Vercoe.

Royal New Zealand Air Force. D. A. Paterson, L. G. Fowler, P. H. Stewart, J. Earle, N. W. Warner, R. W. Gabites, J. H. Wetere, E. H. Beable, E. Eldershaw, F. K. Kerr, W. J. Greenhalgh, R. K. Garaham, R. W. Vessey.

Navy. P. J. K. Partridge, L. F. Weatherall.

Army (New Zealand). J. D. O'Brien.

#### Field Inspectors and Supervisors.

New Zealand Expeditionary Force. H. C. H. Pearse, G. P. Brown, G. B. Giller, V. B. Wallace, D. G. Kirk, C. E. Pierce.

#### TEMPORARY STAFF.

# Clerks and Office-assistants.

New Zealand Expeditionary Force. - L. F. C. Lowry, S. F. Muff, S. B. Carter, J. E. Harris, C. B. McRae, N. G. B. Lusk, A. Appleton.

Royal New Zealand Air Force. H. P. Sands, W. J. France, R. M. Faulls.

Navy. Wm. Kingsley.

Army (New Zealand).—E. P. C. Peare, B. Houston.

#### Draughtsmen.

New Zealand Expeditionary Force.--A. E. Moore, H. A. Syddall, C. D. Bell, H. L. C. Hambling.

## Assistant Field Inspectors, Supervisors, Overseers, Foremen, &c.

New Zealand Expeditionary Force. -L. B. Anderson, T. P. Frost (discharged), H. K. Smith, E. M. Williams, J. R. A. Sanders, T. H. N. Birss (discharged), A. D. Wishart.

Navy.—C. C. Dallaston.

# LANDS RESERVED FOR VARIOUS PURPOSES.

Under the provisions of section 360 of the Land Act, 1924, and section 71 of the Land for Settlements Act, 1925, various areas of Crown and settlement land were permanently reserved during the year. The reservations made totalled sixty-eight, covering an area of approximately 539 acres. A summary of work carried out under the heading is given below:--

				umber of		Are	a.
Purpose of Reser <b>v</b> e			Re	servations.	A.	R.	Р.
Buildings of the General Go	verumei	$_{ m t}$	 	.1	2	0	0
Cemetery			 	3	14	3	$39 \cdot 4$
Children's health-camp site			 	.L	47	1	
County			 	4	20	3	$21 \cdot 2$
Drainage			 	4	7	1	$0 \cdot 3$
General Government			 	1.	5	0	0
Gravel			 	1	3	0	38
Harbouc improvement			 	1	29	0	0
Municipal			 	3	0	$^2$	$37 \cdot 1$
Native-school site		* *	 	1	5	2	7
Plantation			 	1	64	1	18
Public buildings of the Gene	eral Gov	ernment	 	6	17	1	$26 \cdot 64$
Public-school site			 	10	23	0	10
Public-school site (additions	s)		 	6	12	3	$2 \cdot 9$
Quarry			 	4	9	3	$0 \cdot 4$
Railway afforestation			 	.1	115	0	0
Recreation			 	16	47	0	$3 \cdot 6$
Resting-place for travelling	stock		 	2	8	0	21
Roadman's cottage site			 	.1.	4	2	30
Water-conservation			 	1	101	0	0
				68	539	1	$9 \cdot 64$

 ${\bf EXPENDITURE.} \\ {\bf Summary of Expenditure approved during the Year ended 31st March, 1941}. \\$ 

	Name of V	ote or Acco	unt.			Net Amount voted.	Gross Expenditure.	Recoveries.	Net Expenditure.
	Voted 1	Expenditur	e.						
Vote, Lands and Su						£	£	£	£
Subdivision I						257,291	306,755	70,156	236,599
Subdivision II						135,174	125,459		125,459
Subdivision III		• •				7,535	6,120	••	6,120
Total.	vote, La	nds and S	urvev			400,000	438,334	70,156	368,178
Vote, Land for Sett						399,900	380,015	283	379,732
Vote, Swamp Land						······ <b>,</b> ···	,.		ŕ
Hauraki Plains D	istrict					500	58	<b>7</b> 58	Cr. 700
Swamp Land Dra	inage Are	eas				8,500	13,124	8,477	4,647
Vote, Small Farms	Developn	ient		• •		370,000	572,562	257,143	315,419
Total	voted exp	enditure				1,178,900	1,404,093	336,817	1,067,276
		Other Exp	enditur	e	1-		!		
Land for Settlemen	ts Accoun	ıt : Exper	diture		ital pro	ceeds of sales	5,298		5,298
of Crown and nat Refunds of revenu				penditur	e and 1	niscellaneous	31,473		31,473
expenditure Total	departme	ntal exper	nditure				1,440,864	336,817	1,104,047

# APPENDIX.

# SETTLEMENT OF CROWN LANDS.

# EXTRACTS FROM REPORTS OF COMMISSIONERS OF CROWN LANDS.

#### NORTH AUCKLAND.

(L. J. Poff, Commissioner of Crown Lands.)

The conditions, climatic and otherwise, prevailing in this district in regard to farming of almost all classes have proved to be quite favourable.

Autumn and winter were mild, pasture growth was good, and a minimum of frosts and cold wind

experienced, with the result that all stock wintered well.

During the spring and early summer a splendid growth was obtained, resulting in large quantities of hay and ensilage being saved, thus providing much feed for the coming winter. About mid-summer a dry spell of about six weeks was experienced in certain areas and caused a temporary set-back to some farmers, but had very little serious effect on production. Dairy production for the season is well ahead of that obtained last year, and may, when the final figures are revealed, constitute a record for the district.

As a result of the appeal made by the National Production Committee for an increase in the

output of pork, there has been a large increase in the number of pigs raised in the district.

With a total absence of eczema, with average wool-production, also average lambing percentages and prices for lambs, and with mutton and wool high enough to show a fair profit, it can be reasonably assumed that the sheep-farmer has experienced a profitable year.

The position of the fruit and poultry farmers does not appear to show any real improvement compared with the previous year, this notwithstanding the guaranteed price for certain classes of fruit.

Work in connection with 4B schemes has kept up during the year, but is now showing signs of

reduction. Expenditure under the provisions for land-development has been restricted, but most of the areas for which this form of finance has been made available have reached a reasonable standard of production, and the settlers appear to be consolidating and relying upon their own resources. This system of farm finance has proved most successful.

#### AUCKLAND.

# (K. M. GRAHAM, Commissioner of Crown Lands.)

In this district the year has throughout been favourable to all classes of farming, and production has been satisfactorily maintained under all headings.

All stock wintered well, and with a record summer for pasture growth ample supplies of hay and

ensilage have been harvested against the coming winter.

Root crops got a good start owing to favourable weather, and turnip crops for winter feeding are

growing well and should be ample for all requirements

Prices for all farm produce have also been good and Crown tenants and mortgagors should have no difficulty in meeting their commitments to the Department.

# GISBORNE.

## (H. L. Primrose, Commissioner of Crown Lands.)

Climatic conditions during the past season have been very favourable, resulting in a plentiful supply of feed throughout the whole year. The winter was very mild and was followed by an early spring growth. Consequently, production on the dairy-farms was well advanced when compared

With increased production and a guaranteed price, the dairy-farmers generally are in a much better position than in any year over the past ten years. The sheep-farmer has also experienced a good year. Stock values were much on the same level as last year, although some of the prices this year were higher,

particularly for two-toothed ewes. The district this year has one of the biggest maize crops it has ever had, about 4,000 acres having been planted during the spring. The cobs are well developed and well filled. In addition to the maize crop, fairly substantial areas were planted in beans, with satisfactory results.

Regarding the orchard industry, the crops of apples and pears have been very heavy, but the same remarks cannot be applied to the stone-fruits, which were somewhat scarce, due no doubt, to the

severe hailstorm experienced.

Over the past season a very large number of farmers have taken advantage of scheme 4B chiefly for the cutting of manuka, whilst there has also been much activity in the erection of subdivisional fencing and draining. The result of this work is shown by the increased production which is being obtained.

# HAWKE'S BAY.

# (F. R. BURNLEY, Commissioner of Crown Lands.)

Climatically the past year was a much more favourable one than the two previous ones. After a dry summer, light rain in April came when it was badly needed everywhere, but it was not the heavy soaking rain that was required to start a good autumn growth, which was very light as a result. Cattle feed was very light on the coastal areas and close to the ranges, this being the second dry autumn in succession. A very mild winter helped considerably, and early spring rains started a good flush of feed

Much use seems to have been made of the 4s scheme to improve pastures and increase production by top-dressing, scrub-cutting, and fencing; but suitable labour is now scarce in some districts for this class of work.

There has been a considerable increase in the number of leases converted to freehold, both for cash and on deferred payments. This was no doubt due to the many O.R.P. licenses due to expire, and to the end of the time-limit imposed within which leases in perpetuity of settlement lands must be purchased.

Transfers have not been heavy, but there seems a steady demand for leases of medium-sized dairying and mixed farming lands, while there is always a demand for the small farms, both near Hastings and

Napier.

#### TARANAKI.

#### (A. F. Waters, Commissioner of Crown Lands).

The season 1940-41 has been particularly favourable for farming operations in Taranaki. Warm autumn rains promoted a good growth of grass, and mild weather continued until the end of June. Root crops were exceptionally good, and most farmers had ample winter feed.

The lambing percentage for the district was a record, due no doubt to the favourable season.

The dairy industry has had a remarkably successful season in spite of the disorganization caused by the change over from butter to cheese to meet wartime requirements.

Revenue collected during the year was slightly in excess of that of the previous year.

#### WELLINGTON.

#### (H. W. C. MACKINTOSH, Commissioner of Crown Lands.)

In the northern portion of the Wellington Land District from Taumarunui to the Marton district, the seasons, taking them right through, have been favourable for all classes of stock and they came through the winter in good order and condition. Lambing percentages were considerably higher than for several years, and even in deteriorated areas they were up fully 10 per cent. Turnip and hay crops were disappointing, but fortunately the season was a favourable one for grass. Fat stock were fairly plentiful and values have been favourable, while store lambs, cast ewes, and cattle have sold well.

In the Manawatu district a most favourable autumn and spring were experienced. Sufficient winter feed (hay and root crops) was available, and this, combined with a good winter, enabled stock to come through in good condition. Prices for stock were slightly lower than those ruling last year. The guaranteed price for butterfat stabilized the value of this product, but production will be a little lower than last season due to the very wet spring and the very dry summer.

In the Wairarapa district conditions have been similar to those prevailing in other parts of the land district. Stock came through the winter in good condition and there was plenty of feed to carry them into the autumn. On grazing-country it was an ideal year for sheep and cattle and good average

lambing percentages resulted. Satisfactory prices were obtained for surplus stock.

Advantage has been taken of the 4n scheme by a large number of settlers who have desired to develop their farms by stumping and preparing heavily-timbered areas for ploughing and cropping. New subdivisional fencing has been erected, existing fences renovated, new drains dug, and better drainage made possible. The high cost of fencing-material has curtailed operations to some extent in the case of new fences.

There is a good demand for land of the better class, and any areas opened that appear to have a living in them are keenly sought after.

#### NELSON.

# (P. R. Wilkinson, Commissioner of Crown Lands.

The winter period under review was the reverse of the previous severe winter. A comparatively mild season was experienced and stock came through remarkably well. It is anticipated that production will show an all-round increase, due principally to the favourable farming conditions.

Dry conditions during and subsequent to the planting of tobacco affected some areas, but, on the

whole, crops were very satisfactory.

Hops were harvested in good condition, though some crops appeared to be rather lighter than usual.

Areas of Crown land opened for selection during the year found satisfactory tenants generally.

The position regarding arrears due by all Crown tenants continues to improve.

#### MARLBOROUGH.

# (G. I. Martin, Commissioner of Crown Lands.)

The past season has been a very favourable one for the farming community generally.

The winter was mild with well spread rains and ample sunshine, and stock came into the spring in good condition.

Wool-clips were heavier and lambings were good. Wool-prices and prices for fat-stock were generally on a payable basis, but there continues to be no market for fine-wooled store sheep.

Growing conditions for both grass and crops were good, and except for some of the late crops of peas and red clover harvesting conditions were excellent for hay, grain, and seeds.

The grain crops yielded well and were generally free from disease. Crops of clover and rye-grass for certification were about double those of the previous year.

About 1,000 acres of linen-flax were grown under contract for the Government, and good yields were obtained with the exception of a few areas where weed was bad. It is now proposed to double this area during the coming season.

The dairying community has had a good season, and a considerable increase, possibly 20 per cent. in dairy products, especially cheese, is anticipated.

Orchardists had a reasonably fair year as far as yield is concerned, but the quality will not be up to the usual standard owing to dry conditions in December and January.

#### WESTLAND.

#### (B. King, Commissioner of Crown Lands.)

It is generally acknowledged amongst the farming community that the past season has been a remarkably good one. This is amply borne out by the meteorological records, which show a greatly reduced rainfall with no reduction in the amount of sunshine recorded and a generally higher average temperature than is usually experienced.

As the result of a mild winter stock came through in good condition and there has nowhere been any shortage of fodder.

Prices for fat stock have been high, and the return to the efficient farmer must have been very much above that of the average year.

# CANTERBURY.

# (N. C. Kensington, Commissioner of Crown Lands.)

At the close of last year and following on after the 31st March the conditions did not appear favourable for entering on the winter in this district, and generally on account of dry conditions and the failure of the turnip crops a difficult wintering of stock was predicted. It is therefore pleasing to record that an extremely mild winter was experienced, and stock came through remarkably well. Lambing percentages were very fair, and the good winter conditions were reflected in the heavier and better class of fleeces cut and the generally healthy condition of flocks. On the lower country good prices were obtained for coarse wool, and the dry conditions assisted in the fattening of lambs, and fair prices for surplus sheep.

Regarding the high-country men: Runholders had a remarkably fine winter, with little snow loss. The difficulty with the high-country man continues to be the price assessed for fine wool, and as low prices are obtained for the class of stock off this country, the revenue is largely dependent on the wool-price.

The year was marked by heavy north-west winds and dry conditions in the spring, and the position for wheat crops did not appear favourable. Fortunately good rains fell in November which proved of great assistance to the autumn-sown crops, and although very dry conditions prevailed in the summer wheat crops have turned out well and good average returns have been obtained.

summer, wheat crops have turned out well and good average returns have been obtained.

Reports show that grass-seed crops have been light, and it is not anticipated that the potato crop will be up to average.

#### OTAGO.

# (W. E. Shaw, Commissioner of Crown Lands.)

The year has been exceptionally good. In a few individual cases, of course, the farmer has met with misfortune; but not for many years has there been such a mild winter followed by a good growing spring and summer. Admittedly North Otago once again has suffered severely from drought, but, even so, that locality, along with the rest of the district, has experienced a high lambing, a low death-rate, and a heavy wool-clip.

The cereal crops did well, particularly wheat. In Central Otago a record area of white clover and rye-grass was closed for seed and the returns were good.

A new crop grown this year has been linen-flax, and it is understood that the result has proved very satisfactory.

The fruit-farmer has, generally speaking, had a satisfactory season.

Although dairying is not making much progress in Otago, most of those engaged in this type of farming continue to improve the standard of their herds.

There are three matters causing grave concern in Otago, and they are firstly, the spread of sweet-brier in the pastoral country; secondly, the considerable increase in the rabbit pest, partly caused by the mild winter and the shortage of experienced rabbiters; and thirdly, the severe ravages of the diamond-backed moth and the white butterfly upon the rape and turnip crops of North Otago.

The 4B scheme has been of assistance in clearing gorse, broom, and manuka and in draining some low-lying areas.

#### SOUTHLAND.

# (T. CAGNEY, Commissioner of Crown Lands.)

Favoured by climatic conditions, Southland experienced one of its best production years. The particularly mild winter, with little snow in the back country, resulted in high lambing percentages being obtained, perhaps the best for many years. Feed held well throughout a somewhat dry summer and lambs fattened early and reached the markets in prime condition.

Due to the dry summer, feed was somewhat short for dairy herds towards the latter part, but, on the whole, the usual output of dairy-produce was substantially maintained, if not increased.

Seed and grain crops were grown and harvested under excellent conditions. Root crops were, however, somewhat patchy, and growth was to some extent retarded by attacks of blight, encouraged probably by the unusually dry climatic conditions.

The introduction of linen-flax growing opened up a new avenue for farming in Southland, and reports

to hand indicate that good yields were obtained, notwithstanding the dry summer.

Towards the close of the period some beneficial rain was experienced, and there should be no shortage of stock feed for the coming winter.

Table 1.—Return showing (APPROXIMATELY) Position of Lands in the Dominion AT 31ST MARCH, 1941.

District.		Total Area sold or granted and held on Freehold.	Total Area reserved for Public Purposes.	Total Area of Crown Lands leased under all Tenures (exclusive of Reserves leased by Crown).	Total Area of Crown Lands available for Future Disposal.	Total Area of Native Land.*	Land unfit for Settlement (including Area occupied by Rivers, Lakes, Roads, &c.).	Total Area in Land District.
North Auckland Auckland Gisborne Hawke's Bay Taranaki Wellington‡ Nelson Marlborough Westland		Acres. 2,663,167 2,888,617 1,152,960 1,600,120 1,134,216 3,561,230 668,892 785,157 177,207	Acres. 469,448 1,288,312 487,045 279,824 353,630 1,067,885 2,533,146 359,340 2,317,783	Acres. 484,038 730,992 507,871 470,867 571,340 749,814 596,167 1,261,504 537,448	Acres. 129,513 544,072 278,155 56,707 91,925 5,407 219,488 231,425 349,587	Acres. 514,606 1,634,663 834,423 371,222 165,697 786,024 30,051 22,292 12,281	Acres. 217,428 1,134,008 255,472 139,146 87,623 880,709 667,256 108,282 469,072	Acres. 4,478,200 †8,220,574 3,515,926 2,917,886 2,404,431 7,051,069 4,715,000 2,768,000
Canterbury Otago Southland Totals	••	3,554,593 1,984,971 1,870,274 22,041,404	1,621,840 932,703 4,443,134 16,154,090	3,808,013 5,436,801 1,363,257	31,068 16,184 36,729 1,990,260	12,281 15,089 25,000 126,776 4,538,124	$448,177 \\ 612,118 \\ 129,356$	$\begin{array}{c} 3,863,378 \\ 9,478,780 \\ 9,007,777 \\ 7,969,526 \\ \hline 66,390,547 \end{array}$

 $<sup>\</sup>boldsymbol{*}$  Includes certain  $\boldsymbol{\text{areas}}$  alienated by sale to Europeans. Islands.

<sup>†</sup> Increase of 1 acre revealed by resurvey.

<sup>1</sup> Includes Chatham

Table 2.—Lands selected during the Year ended 31st March, 1941.

Land District.		Cash.	Def Payı	Deferred Payments.	Renewa	Renewable Lease.	Sma (Renewa	Small Farms (Renewable Lease).	Small Gr	Grazing-runs.	Pastor	Pastoral Runs.	Pastora in Minin under Regu	Pastoral Licenses in Mining Districts under Special Regulations.	Mining Districts Land Occupation Leases.	Mining Districts And Occupation Leases.	Miscell Least	Miscellaneous Leases, &c.	Education Endowments.	ation ments.	Totals	als.
	No.	Area.	No.	Area.	No.	Area.	No.	Area.	No.	Area.	No.	Area.	No.	Area.	No.	Area.	No.	Area.	No.	Area.	No.	Area.
	-					Acres		Agree		Acres.		Acres.		Acres.		Acres.		Acres.		Acres.		Acres.
	-	Τ,	-	Acres.	ţ	ACTOS.	60	8 468			:	:	:	:	:	:	75	3,673	87	208	257	18,74
North Auckland		040	<b>=</b> °	087	- i	4,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0	 	2 584 884	:	:	: :	: ;		453	2	11	67	16.567	_	_	178	26.64
Auckland	 	_	ж 	2,250	1 6	447,7	a	H00.66	:	:		: :		:		:	₩	2,785		13	<u>.</u>	3,331
Gisborne		3.01.	:		- 00	2002	:	:	:	:	:	: :	: :	: :	: :		ص 	131		5.655	45	8,103
Hawke's Bay		E	no 4	136	0 G	2,108	:	: -	:	:	:	:	: :			: :		1.458	_	_	35	4,625
Faranaki	_	· ·	****	1,215	2 6	1,044	 	1 1	:	•	:	: :					34	3,834		3.518	817	16,90
Wellington	:	09 ''	9 -	440	SI =	9,000	- -	•	:	•	:		. <del></del>	261	:	: :	96	11.592	લ	352	81	15,601
Nelson		6T6   0		102	2	2,010	:	· ·	:	:	:					: :		594	,—	prome	ΙΣ	3,31
Marlborough	:	¬ •	_	1/2	# 6	1,020	-	2	:	•	œ.	4.298	9	812	က	Ιδ	31	4.883	<b>≎</b> 1	112	58	10,90
Westland	:	70	: -	:	5 5	10 765	:	:	:	16.369		289,658	:	:	:	:	65	12,529	⊙I	51	131	331,461
Canterbury	:	44. 44.1	H 6	- 000	7	101		:	I		4	24,636			:		50	18,097		П	67.	43.95
Otago	:	 	NI	077	-10	1.361	- 67	190	: :	: :	:		:	:	:	:	23	1,166	15	16,421	7	19,141
Southland	•		:		.																	1
Totals	1-	78 3,162	2 36	5,262	224	41,022	155	12,821	દા	16,369	13	318,592	10	1,526	īĊ	56	434	77,309	55	26,634	1,012	502,723

Table 3.—Lands held on Lease at 31st March, 1941.

Land District.	Deferred Payments.	Lease in P	Lease in Perpetuity. Renewable Lease.	Renewabi	le Lease.	Small Farms.	Mith Pu	Occupation with Right of Purchase.	Small	Grazing- uns.	Pastor	Pastoral Runs.	Far Lice Mining	Fastoral Licenses in Mining Districts.	Districts Land Occupation Leases.	Land trion	Perpetual Leases.		Anscenaneous Leases and Licenses.		Education Endowments.		Iotals.
•	No. Area.	No.	Area.	No.	Area.	No. Area.	У0.	Area.	No.	Area.	No.	Area.	No.	Area.	No. A	Area. 1	No. Area.	ea. No.	. Area.	No.	Area.	No.	Area.
	Across		Acres		Acres.	Acres	j vi	Acres.		Acres.		Acres.		Acres.	Æ	Acres.	Acres		,		*4		Acres.
North Auckland		414	67,727	1,197	231,974	93 8,468	38 225	32,742		19 486		553 8 195	. L	16.797	- 60 - 60 - 60	64	4	131 8	819 - 96,782 $848 *71,248$		794 + 46,199	$\frac{3}{1}$ $\frac{3}{4}$	
Auckland	1,353 178,201	282	10,678	1,240	100,000	2	•		o oc	161,418	:		:	;					25,		70 - 38,392		52(
Gisborne	160, 18,884	+100	78,1±3	695 695	930 951	+	99	26.379	61	38.314	6	53,752	:	:	:	:		2	်တင်			11,522	521.
Hawke's Day		0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	140,671	1 10	187.969		88	36,563	c)	3,336		:	:	:	:		•	ତା	50,	425 6	618: 45,559		
Laranaki	300 41,337	660 660	198,001	- C	950,398	ć -	71	99,901	<u> </u>	19,489	9	10.704	:	:	:	•	€1	_	653 67,7	769 5	12 102.715	বা	736,
Weinngton	792 109,010	999	100,000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	000,000	,	6	9.078	9	9,603	60	111,723	66	20.121	17	442	=	104 4	441 86.3	343	133 7,893	33 1,733	581,08
Nelson	00, 10, 90,	070	168,409		167,000		30	040	10.	267,822	38	618,788	:		:	:	<u></u>		221 12,915		33, 1,114		1,261,5
Mariborougn	44, 18,441 06 19 177		96,130		81.410	1		•			3.4	241,653	231	43.103	130	759		7	764   182.0	097	136 14,265	35 2,470	613,1
Westiana	50, 10, 11,	_	000,110		266 064	:	· "	:	8	446.759	120 2	2.670.129	 : نيز-	:	:	:	53 I.	605.1.1	$106 \pm 211.8$	850 2	235 70,863	33 4,065	ξ 4,047,θ
Canterbury	201,02 21		968,037	193	270,503 270,819			9.955		1.446.405	323	3,294,756	:	:		12,037	63	_	445[1125,998]		443 46,740	10 5,567	7 5,625,315
Otago   Southland	128 22,497	Ť	78,653	÷	91,935	101		11,652	21	65,538	8.64	1,119,612	:	:	38	1,126	15	175 4	£29 ±9,2	258 8	838 351,229	29, 2,578	3 1,791,865
Potals	3.631606.764 7.0081.443.704 9.4082,666,925 17414,400	7,0081	443,704	9,4082	,666,925	174 14, 40	00 964	257,264	766 2	2,478,170	599	8,129,865	404	79,951	661 1	15,817	146 5,	5,909 7,066	66 989.	989,388 4,191	91 801,671	71 35,018	35,01817,489,828

Note.—This table includes education endowments, but excludes other endowments administered by Land Boards.

\*Includes Thermal Springs district leases. † Includes Hanner Crown leases. † Includes agricultural leases.

Table 4.—Lands disposed of under the Land for Settlements Act to the 31st March, 1941.

		ied by nd mlet.	Area of Land unlet, including Land forfeited,		al Area pur h and made to Dat	Freehold	Tota	l Lands leased t	o Date.
Land District.	Area acquired.	Area occupied by Roads and Reserves unlet.	surrendered, or resumed, and not relet, and also Land not yet offered for Selection.	Number of Purchasers.	Area.	Price realized.	Number of Selectors.	Area.	Annual Rental,
	Acres.	Acres.	Acres.		   Acres.	£		Acres.	£
North Auckland	55,202	1.515	3,561	290	7,418	59,553	275	42,708	13,521
Auckland	381,288	77,495	38,017	1.083	182,423	517,189	641	83,353	28,815
Gisborne	87,808	448	12,958	70	11,610	95,984	208	62,792	16,384
Hawke's Bay	228,656	2,411	2,870	241	60,308	371,303	510	163,067	55,232
Taranaki	26,426	260	2,584	69	2,641	50,272	128	20,941	7,073
Wellington	1 703 709	1,129	220	671	28,372	308,368	789	132,077	60,831
Nelson	EO 490	975	10,398	14	4,635	6,536	57	43,430	2,366
Marlborough	995 967	4.185	714	75	14,454	60,135	461	216,514	26,567
Westland	g 090	89	108	1.1	1,634	2,960	32	4,208	749
Canterbury	607 709	4.643	8,118	436	32,662	256,757	1,706	562,370	124,387
Otago	940 995	3,881	3,758	143	15,141	87,721	1,092	317,455	74,026
Southland	109 149	977	687	164	24,453	87,614	325	76,026	16,888
Totals	2,292,693	98,008	83,993	3,267	385,751	1,904,392	6,224	1,724,941	426,839

Table 5.—Endowment Lands administered by Land Boards and leased at 31st March, 1941.

			Educ	ation Endov	ments.	Ot	her Endowm	ents.		Totals.	
Land T	District,		Number	Area.	Annual Rental.	Number	Area.	Annual Rental.	Number	Area.	Annual Rental,
				Acres.	£		Aeres.	£		Acres.	£
North Auckland	1		794	46,199	9,134	8	777	23	802	46,976	9,157
Auckland			194	33,511	2,828	20	891	434	214	34,402	3,262
Gisborne			70	38,392	4,654	4	947	48	74	39,339	4,702
Hawke's Bay			185	43,191	8,244				185	43,191	8,244
Taranaki			618	45,559	10,406	18	9,698	1,167	636	55,257	11,573
Wellington			512	102,715	28,559	- 11	3,987	61	523	106,702	28,620
Nelson			133	7,893	602	573	15,018	1,696	706	22,911	2,298
Marlborough			33	1,114	518	. ,			33	1,114	518
Westland			136	14,265	872	20	10	109	156	14,275	981
Canterbury			235	70,863	24,475				235	70,863	24,475
Otago			443	46,740	5,665	67	177,241	6,449	510	223,981	12,114
Southland		• •	838	351,229	20,147	13	109,259	2,093	851	460,488	22,240
Totals			4,191	801,671	116,104	734	317,828	12,080	4,925	1,119,499	128,184

Table 6,—Total Receipts, Arrears, and Postponements.

(Total receipts from debtors and exclusive of credits on account departmental expenditure, &c.)

North Auckland, Drainage Engineer.
# # # # # # # # # # # # # # # # # # #
31,018 33,390 25,854 25,854 25,854
100,±00 ±,010
11,359 3,169 5,082
1,255
573
18,105 2,428
_
152, 1,231
1,821 289 101 229
135,545 230,618 31,100 5,495 56,369
26,579 14,181 75,216 363 3,345 3,213 4.055 634
29,792 18,236 75,216 363 3,979

Approximate Cost of Paper .- Preparation, not given; printing (705 copies), £75.

By Authority: E. V. PAUL, Government Printer, Wellington.-1941.

Price 1s.]