APPENDIX III.—LAND-DRAINAGE AND LAND-DEVELOPMENT OPERATIONS.

(R. L. Innis, Land Drainage Engineer and Superintendent of Land Development.)

In accordance with statutory requirements, separate reports deal with (1) Hauraki Plains, (2) Rangitaiki, and (3) swamp land drainage districts—viz., Kaitaia, Hikurangi, Waihi, and Poukawa drainage-works.

Land-development operations have been carried out on thirteen areas under the Small Farms Act, whilst development operations on the Galatea Estate, purchased under the Land for Settlements Act, have been steadily pushed forward. The number of development blocks has increased by three during the year, and proposals in detail have been prepared for commencing on two further blocks—viz., Tokoroa, and Whirinaki, an area adjoining Ngakuru Block. The Tekoroa Block, in the vicinity of Putaruru, is situated in a bush-sick area, but it is confidently anticipated that the use of licks and prepared manures will overcome this trouble.

Two further completed farms were handed over to the Commissioner of Crown Lands, Auckland, during the year, and the following schedule shows the number of completed farms handed over in the respective blocks:—

Mangatete	 	 	 	 	5
Whatere	 	 	 	 	5
Tarawera	 	 	 	 	10
Murupara	 	 	 	 	12
Broadlands	 	 	 	 	- 8

Dairying was carried out on all these farms under the control of the Commissioner of Crown Lands, whilst on another twelve farms milking was carried out on a wages basis.

The available returns of butterfat from the blocks for the year are:-

					Ib.
Kaitaia	 		 	 	46,908
Mangatete	 	, ,	 		43,710
Wharere	 		 		29,118
Tarawera	 		 		$73^{'}_{,343}$
Murupara	 		 		58,389
Broadlands	 		 		47,577
				2	99,045

These returns show a considerable increase over last year's figures. This is especially noticeable on the Kaitaia Block, where, however, the sizes of the herds were increased. The highest return was from the farm occupied by A. T. Doidge at Tarawera, with 9,548 lb., whilst the next was that of R. W. Hogg, on the same block, with 8,635 lb.

The following schedule shows the stock on the blocks at the end of the year:-

			Cows.	Dry Stock.	Heifers.	Calves.	Horses.	Sheep.	Bullocks
Kaitaia—							!		
Department			192	73	31	55	5		
Settlers			281	21	77	26	13	65	
Mangatete-									
Department			55	5	6	9		1	
Hoe-o-Tainui-									
${ m Department}$			6	11	273	29	13	629	
Wharere									
${f Settlers} \qquad \dots$			172	8	29	43	5		
${ m Department}$			37	1			5	502	364
Tarawera No. 1									
Settlers			347	18	80	92	13		
Tarawera No. 2									
Department			10	27	50	4		78	
Murupara—									
Settlers			450	12	62	97	12		
Broadlands—							İ		
Settlers			296	10	42	76	8		
Puriri						ĺ	1		
Department			٠.	54			2	822	
Edgecumbe—									
Department	• •	• •	• • •	3			4		
Grand total	• •		1,846	243	650	431	80	2,096	364
Department t	otal		294	174	360	97	29	2,031	364