

TABLE NO. 6.
IRRIGATION AND WATER-SUPPLY.

SCHEDULE OF SCHEMES COMPLETED OR UNDER CONSTRUCTION.

Scheme.	Source of Supply.	River Discharge (Minimum).	Main Canal Discharge (Maximum).		Average Rainfall from Records available.	Rainfall, 1938.	Area commanded (Gross).	Area for which Irrigation Water is available.	Works authorized.		Works completed.	Expenditure to 31st March, 1939.	Remarks.
			As per Design.	During 1938-39.					M. ch.	M. ch.	Main Canals.	Distributaries.	
<i>Canterbury—</i> Ashburton ..	Rangitata River ..	Cusecs. 1,300	Cusecs. 1,000	..	Inches. ..	Inches. ..	Acres. 315,000†	..	M. ch. 42 0	M. ch. ..	M. ch. 17 0	..	£ 196,659 Under construction. Diversion race only for supplying main races of schemes marked * and also supply of electric energy. Under construction.
Ashburton—Lyndhurst Levels ..	Rangitata River ..	1,300	450	..	23.00	50.41	68,000	..	55 0	80 0	15 65	60 72	134,466 Completed.
..	Opihi River ..	180	180	120	22.60	49.72	20,000	11,500	6 61	50 60	6 61	50 60	78,853 Under construction.
Mayfield—Hinds ..	Rangitata River ..	1,300	450	..	23.00	39.54	110,000	..	20 0	210 00	7 00	21 00	35,720 Completed.
Redcliff ..	Waitaki River ..	3,000	55	55	21.00	38.68	7,000	4,603	3 69	13 76	3 69	13 76	27,640 Under construction.
<i>Otago North—</i> Otekaieke ..	Otekaieke River ..	9	15	..	21.63 (Dunroon)	35.77	1,500	800	14 37	3 47	14 37	3 47	3,631 Completed. Used only on west side of river.
Steward Settlement ..	Waitaki River ..	..	110	..	20.63 (Steward Settlement)	33.85	18,000	..	14 60	50 31	14 60	50 31	12,115 Completed.
<i>Otago Central—</i> Ardgour ..	Lindis River ..	35	20	19	19.53 (Tarras)	20.66	2,000	1,364	13 0	2 40	13 0	2 49	33,700 Completed.
Arrow River ..	Arrow River ..	40	50	36	27.64 (Arrowtown and Frankton)	27.77	6,536	2,936	..	..	9 18	27 60	143,028 Completed.
Bengerburn ..	Bengerburn ..	1	4	4	..	..	1,000	144	2 6	..	2 6	..	801 Completed.
Earuseleugh (Fraser River)	Fraser River and storage dam	10	47	62	15.88 (Earuseleugh)	21.61	2,743	2,247	11 30	17 60	11 30	17 60	65,773 Completed.
Hawkdun (formerly Mount Ida)	Tributaries of Manuherikia River and Eweburn Reservoir	..	(all races) 60	35	24.12 (Naseby and Naseby Plantation)	27.61	10,000	8,818	66 0	101 0	66 0	90 12	71,871 Completed.
Idaburn ..	Idaburn Dam ..	3	8	6	23.17 (M a Creek, Blackstone Hill)	22.34	2,500	565	10 0	0 40	7 26	0 40	6,739 Main scheme completed.

† Includes schemes marked *.