



SUPPLEMENT

TO THE

NEW ZEALAND GAZETTE

OF

THURSDAY, JULY 21, 1898.

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"The Agricultural and Pastoral Statistics Act, 1895."—*Acreege and Actual Yields in Corn-crops, 1897-98.*—Notice No. 516.

Department of Agriculture, Wellington, 20th July, 1898.

IN the *New Zealand Gazette* of the 27th January and the Supplement of the 28th April last there appeared in the former an interim return giving an estimate of the yields of wheat, oats, and barley, with the acreage under cereals, and in the latter the complete returns of all crops, as also number of horses, cattle, and pigs, at 15th November, and sheep at 30th April, 1897.

Last year a deduction was made from the areas under wheat, oats, and barley, owing to the drought, and unfortunately it has been necessary to do so again this season. The only portion of the colony not affected was the southern part of Otago and Southland: here there was too much rain, which was accompanied in early spring by cold winds. The crops were therefore extremely backward, and considerable areas intended for grain did not ripen sufficiently, and have been cut for chaffing.

In the interim return the wheat crop was estimated to yield 21 bushels to the acre, but the actual threshing returns show it to be 17·95 bushels. The difference is partly accounted for through damage caused by a heavy nor-wester which blew for several days shortly after the estimate was made; otherwise it would have been found very close.

The area under wheat is 315,801 acres; actual yield, 17·95 bushels per acre	..	5,670,017 bushels
Old wheat on hand at 15th November, 1897	..	1,149,661 "
Estimated imported from 15th November to 15th February	..	6,819,678 "
		2,194 "
Estimated exported (including wheat and flour) from 15th November to 15th February	..	6,821,872 "
Consumption for same period on a population of 768,901, at 6 bushels per head per annum	..	4,629,402 "
Available for all purposes as from 15th February, 1898	..	5,620,521 "
Estimated quantity required for seed (say 350,000 acres, at 2 bushels per acre)	..	700,000 bushels
Consumption, 771,567 at 6 bushels per head	..	4,629,402 "
Apparent surplus	..	291,119 "

It will be seen that there is practically no wheat available for export, either in the shape of grain or flour; but it is just possible that the estimated consumption of 6 bushels per head is somewhat high.

The yields of oats, barley, and rye are also considerably reduced.

Maize: There is an increase of 2,303 acres in the area grown this year. The crop in Whakatane and Tauranga Counties suffered severely through frosts during February, and considerable damage was done. Very little maize has yet been threshed; therefore an estimate of the yield only is given.

The area under rye-grass shows a decrease of 6,651 acres, compared with that of last year. The average yield per acre, however, is somewhat higher—say 21·31 bushels, as against 19·94 bushels. The total yield is 749,603 bushels, to which must be added 136,866 bushels on hand at date of return, or a total of 886,469 bushels for the period from the 15th November, 1897.

The area under cocksfoot shows an increase of 9,018 acres; the yield being 151 lb. per acre, as against 168 lb. last year. The total yield is 8,873,723 lb., and the quantity of old seed on hand 2,117,075 lb., or a total of 10,990,798 lb. for the same period.

There is an increase of 6,412 acres under potatoes, but the yield per acre is less than last season—say 4·95 tons, as against 5·25 tons. The total yield is 180,333 tons, or an increase of 22,804 tons.

JOHN D. RITCHIE,
Secretary for Agriculture.

ACREAGE AND ACTUAL YIELD OF CORN-CROPS, GRASSES, ETC.

Provincial District.	Wheat.			Oats.			Barley.			Rye.			
	Acres.	Yield per Acre in Bushels.	Total Bushels.	Acres.	Yield per Acre in Bushels.	Total Bushels.	Acres.	Yield per Acre in Bushels.	Total Bushels.	Acres.	Yield per Acre in Bushels.	Total Bushels.	
Auckland	1897-98	8,101 688		6,170 568			1,513 93						
	1896-97	7,413 5,231	20.49 21	151,935 109,851	5,602 7,244	21.66 26	121,354 188,344	1,420 1,179	26.39 33	37,475 38,907	41 68	17.50 15	717 1,020
Hawke's Bay	1897-98	1,129 150		4,748 436			2,076 125						
	1896-97	979 998	18.59 25	18,204 24,950	4,312 6,529	30.28 23	130,602 150,167	1,951 2,127	34.73 31	67,777 65,937	103 58	28.40 20	2,925 1,160
Taranaki	1897-98	2,716 131		5,509 225			866 50						
	1896-97	2,585 1,948	39.24 30	101,446 58,440	5,284 4,618	46.41 33	245,247 152,394	816 523	46.87 32	38,255 16,736	67 64	36.27 23	2,430 1,472
Wellington	1897-98	14,366 1,224		21,679 1,974			563 32						
	1896-97	13,142 8,978	25.25 25	331,860 224,450	19,705 20,609	28.68 30	565,349 618,270	531 601	35.22 29	18,706 17,429	102 197	25.84 25	2,636 4,925
Marlborough	1897-98	6,344 344		3,550 323			3,592 218						
	1896-97	6,000 4,653	24.72 20	148,380 93,060	3,227 3,965	26.38 23	85,135 91,195	3,374 3,245	28.67 17	96,737 55,165	14 79	22.50 20	315 1,580
Nelson	1897-98	4,645 400		4,945 455			3,831 237						
	1896-97	4,245 3,914	25.01 15	106,193 58,710	4,490 5,246	24.26 21	108,967 110,166	3,594 3,657	19.28 22	69,300 80,454	51 54	19.21 18	979 972
Westland	1897-98	..	..	..	..	..	..	..	..	..	..	..
1896-97	..	..	..	..	*10	..	..	..	..	..	..	..
Canterbury	1897-98	222,461 21,469		128,992 13,739			11,015 717						
	1896-97	200,992 174,579	15.10 21	3,035,404 3,666,159	115,253 130,113	20 24	2,312,020 3,122,712	10,298 10,929	18.35 30	189,066 327,870	216 924	15.96 20	3,447 18,480
Otago	1897-98	86,039 5,594		209,226 12,230			8,464 528						
	1896-97	80,445 58,307	22.08 29	1,776,595 1,690,903	196,946 194,273	31.32 35	6,169,717 6,799,555	7,936 7,552	24.26 29	192,558 219,008	1,320 1,801	19.51 20	25,753 36,020
Totals	1897-98	315,801	17.95	5,670,017	354,819	27.44	9,738,391	29,920	23.72	709,874	1,915	20.47	39,202
	1896-97	258,608	23	5,926,523	372,597	30	11,232,803	29,813	28	821,506	3,245	20	65,629

* Not included in averages.

ACREAGE AND ACTUAL YIELD OF CORN-CROPS, GRASSES, ETC.—continued.

Provincial District.	Maize.†			Peas:			Beans.			Rye-grass.			Cocksfoot.			Potatoes.			
	Acres.	Yield per Acre in Bushels.	Total Bushels.	Acres:	Yield per Acre in Bushels.	Total Bushels.	Acres.	Yield per Acre in Bushels.	Total Bushels.	Acres.	Yield per Acre in Bushels of 20lb.	Total Bushels.	Acres.	Yield per Acre in Pounds.	Total Pounds.	Acres.	Yield per Acre in Tons.	Total Tons.	
Auckland	{ 1897-98	13,079	46.25	604,904	141	20.11	2,836	82	20	1,640	7,160	13.49	96,588	12,336	120	1,480,320	7,123	4.33	30,843
	{ 1896-97	11,112	42.50	472,260	146	27.50	4,015	85	20	1,700	6,428	14	89,992	3,512	100	351,200	6,795	4	27,180
Hawke's Bay	{ 1897-98	1,043	28.90	30,143	41	27.65	1,134	43	33.41	1,437	4,771	20.52	97,901	3,799	150	569,850	1,849	4.90	9,060
	{ 1896-97	989	20	19,780	42	35	1,470	34	26	884	3,700	18	66,600	4,237	142	601,654	1,760	4	7,040
Taranaki	{ 1897-98	439	23.84	10,466	55	32.50	1,787	217	30.10	6,532	477	22.07	10,527	9,037	190	1,717,030	2,435	5.29	12,881
	{ 1896-97	260	24	6,240	35	35	1,225	243	33.50	8,140	497	14.50	7,206	6,747	172	1,160,484	1,906	6	11,436
Wellington	{ 1897-98	241	32.94	7,939	775	28.89	22,390	232	27.38	6,352	2,269	20.72	47,014	6,789	95	644,955	4,206	5.30	22,292
	{ 1896-97	158	34	5,372	638	30.75	19,618	218	32.75	7,139	1,863	12.50	23,287	5,198	125	649,750	3,393	6	20,358
Marlborough	{ 1897-98	..	..	..	1,080	16.71	18,047	73	25.50	1,862	267	26.93	7,190	290	202	58,580	830	5.06	4,200
	{ 1896-97	..	..	..	1,294	21.75	28,144	76	26	1,976	436	22	9,592	636	270	171,720	697	7	4,879
Nelson	{ 1897-98	18	25.66	462	589	21.50	12,663	55	22.16	1,219	79	17.57	1,388	187	152	28,424	1,510	4.75	7,172
	{ 1896-97	*13	..	..	695	19.75	13,725	122	18.50	2,257	219	15.25	3,339	175	158	27,650	1,328	6.25	8,300
Westland	{ 1897-98	..	..	..	*1	..	..	..	..	..	..	..	..	..	..	..	314	4.11	1,291
	{ 1896-97	..	..	..	..	..	..	..	..	..	32	17	544	..	..	..	346	5	1,730
Canterbury	{ 1897-98	*17	..	..	4,004	15.46	61,902	2,287	17.04	38,970	4,808	15.87	76,303	25,010	166	4,151,660	10,917	5.87	64,083
	{ 1896-97	*2	..	..	4,608	23	105,984	3,148	30	94,440	10,802	16.50	178,233	28,210	188	5,803,480	7,781	6	46,686
Otago	{ 1897-98	..	..	..	67	25.2	1,688	5	30	150	15,336	26.91	412,692	1,192	187	222,904	7,218	3.95	28,511
	{ 1896-97	..	..	..	92	30	2,760	13	26	338	17,841	25.50	454,945	907	100	90,700	5,984	5	29,920
Totals	{ 1897-98	14,837	44.12	653,914	6,752	18.13	122,447	2,994	19.42	58,162	35,167	21.31	749,603	58,640	151	8,873,723	36,402	4.95	180,333
	{ 1896-97	12,534	40.23	503,652	7,551	23.44	176,941	3,939	29.67	116,874	41,818	19.94	833,738	49,622	168	8,356,638	29,990	5.25	157,529

* Not included in averages.

† Estimate only, as very little crop threshed yet.

ACREAGE AND ACTUAL YIELD OF CORN-CROPS, GRASSES, ETC.—continued.

County.	WHEAT.			OATS.			BARLEY.			RYE.		
	Acres.	Yield per Acre, in Bushels.	Total Bushels.	Acres.	Yield per Acre, in Bushels.	Total Bushels.	Acres.	Yield per Acre, in Bushels.	Total Bushels.	Acres.	Yield per Acre, in Bushels.	Total Bushels.
PROVINCIAL DISTRICT OF AUCKLAND.												
Mongonui ..												
Whangaroa ..												
Hokianga ..												
Bay of Islands ..												
Hobson ..	266	15.71	4,181	504	19.10	9,626	18	20	360			
Whangarei ..												
Otamatea ..												
Rodney ..												
Waitemata ..												
Eden ..												
Manukau ..	2,631	19.31	50,829	1,819	22.35	40,655	142	23.31	3,310			
Coromandel ..												
Thames ..	..	..	..	71	15.90	1,129	3	15	45			
Ohinemuri ..												
Piako ..												
Waikato ..										41	17.50	717
Waipa ..	4,230	20.42	86,377	2,630	20.73	54,520	128	22.80	2,918			
Raglan ..												
Kawhia ..												
Taupo West ..												
Taupo East ..												
Rotorua ..	550	21.47	11,808	506	19.95	10,095	155	20	3,100			
Tauranga ..												
Whakatane ..												
Waipapu ..	424	30.27	12,837	640	27.55	17,632	1,067	28.30	30,196			
Cook ..												
Deduction ..	8,101	20.49	166,032	6,170	21.66	133,657	1,513	26.39	39,929			
	688	..	14,097	568	..	12,303	93	..	2,454			
	7,413	20.49	151,935	5,602	21.66	121,354	1,420	26.39	37,475	41	17.50	717
PROVINCIAL DISTRICT OF HAWKE'S BAY.												
Wairoa ..	822	17.54	14,424	2,990	39.09	116,899	1,756	37.63	66,089			
Hawke's Bay ..										103	28.40	2,925
Waipawa ..	307	21.39	6,568	1,758	15.30	26,905	320	18.84	6,029			
Patangata ..												
Deduction ..	1,129	18.59	20,992	4,748	30.28	143,804	2,076	34.73	72,118			
	150	..	2,788	436	..	13,202	125	..	4,341			
	979	18.59	18,204	4,312	30.28	130,602	1,951	34.73	67,777	103	28.40	2,925
PROVINCIAL DISTRICT OF TARANAKI.												
Clifton ..												
Taranaki ..	572	27.76	15,880	1,816	32.58	59,169	193	22.17	4,279			
Stratford ..										67	36.27	2,430
Hawera ..	2,144	42.30	90,706	3,693	53.21	196,520	673	53.96	36,319			
Patea ..												
Deduction ..	2,716	39.24	106,586	5,509	46.41	255,689	866	46.87	40,598			
	131	..	5,140	225	..	10,442	50	..	2,343			
	2,585	39.24	101,446	5,284	46.41	245,247	816	46.87	38,255	67	36.27	2,430
PROVINCIAL DISTRICT OF WELLINGTON.												
Waitotara ..	1,910	33.41	63,820	1,384	32.42	44,880	32	50	1,600			
Wanganui ..												
Rangitikei ..	5,163	25.54	131,878	5,487	31.18	171,088	58	19.75	1,145			
Oroua ..												
Kiwitea ..	1,202	21.10	25,370	2,316	31.76	73,570	203	32.27	6,551			
Pohangina ..										102	25.84	2,636
Manawatu ..												
Horowhenua ..	2,769	24.37	67,503	5,857	29.48	172,684	113	29.89	3,378			
Hutt ..												
Pahiatua ..												
Wairarapa North ..	3,322	22.33	74,195	6,635	24.07	159,741	157	45.60	7,159			
Wairarapa South ..												
Deduction ..	14,366	25.25	362,766	21,679	28.68	621,963	563	35.22	19,833			
	1,224	..	30,906	1,974	..	56,614	32	..	1,127			
	13,142	25.25	331,860	19,705	28.68	565,349	531	35.22	18,706	102	25.84	2,636

ACREAGE AND ACTUAL YIELD OF CORN-CROPS, GRASSES, ETC.—continued.

County.	WHEAT.			OATS.			BARLEY.			RYE.		
	Acres.	Yield per Acre, in Bushels.	Total Bushels.	Acres.	Yield per Acre, in Bushels.	Total Bushels.	Acres.	Yield per Acre, in Bushels.	Total Bushels.	Acres.	Yield per Acre, in Bushels.	Total Bushels.
PROVINCIAL DISTRICT OF MARLBOROUGH.												
Sounds ..	6,344	24·72	156,883	3,550	26·38	93,655	3,592	28·67	102,987	14	22·50	315
Marlborough ..												
Kaikoura ..												
Deduction ..	344	..	8,503	323	..	8,520	218	..	6,250			
	6,000	24·72	148,380	3,227	26·38	85,135	3,374	28·67	96,737	14	22·50	315
PROVINCIAL DISTRICT OF NELSON.												
Collingwood ..	2,913	22·66	66,026	3,382	23·19	78,432	3,776	19·11	72,193	51	19·21	979
Waimea ..												
Buller ..												
Inangahua ..	1,732	28·96	50,171	1,563	26·59	41,573	55	30·47	1,676			
Amuri ..												
Cheviot ..												
Deduction ..	4,645	25·01	116,197	4,945	24·26	120,005	3,831	19·28	73,869			
	400	..	10,004	455	..	11,038	237	..	4,569			
	4,245	25·01	106,193	4,490	24·26	108,967	3,594	19·28	69,300	51	19·21	979
PROVINCIAL DISTRICT OF WESTLAND.												
Westland ..	..	..	..	..	..	..	..	..	..	*1		
Grey ..												
* Not included in average.												
PROVINCIAL DISTRICT OF CANTERBURY.												
Ashley ..	28,457	19·20	546,449	18,144	20·65	374,737	797	20·95	16,705	216	15·96	3,447
Selwyn ..												
Akaroa ..												
Ashburton ..												
Geraldine ..												
Levels ..												
Mackenzie ..												
Waimate ..												
Deduction ..	222,461	15·10	3,359,585	128,992	20	2,586,800	11,015	18·35	202,222			
	21,469	..	324,181	13,739	..	274,780	717	..	13,156			
	200,992	15·10	3,035,404	115,253	20	2,312,020	10,298	18·35	189,066	216	15·96	3,447
PROVINCIAL DISTRICT OF OTAGO.												
Waitaki ..	37,955	13·16	499,494	21,080	21·70	457,459	1,180	17·83	21,040	1,320	19·51	25,753
Waihemo ..												
Waikouaiti ..												
Peninsula ..												
Taieri ..												
Bruce ..												
Clutha ..												
Tuapeka ..												
Maniototo ..												
Vincent ..												
Lake ..												
Southland ..												
Wallace and Fiord ..												
Stewart Island ..												
Deduction ..	86,039	22·08	1,900,107	209,226	31·32	6,554,327	8,464	24·26	205,367			
	5,594	..	123,512	12,280	..	384,610	523	..	12,809			
	80,445	22·08	1,776,595	196,946	31·32	6,169,717	7,936	24·26	192,558	1,320	19·51	25,753

