



SUPPLEMENT

TO THE

NEW ZEALAND GAZETTE

OF

THURSDAY, JULY 10, 1902.

Published by Authority.

WELLINGTON, THURSDAY, JULY 10, 1902.

'The Agricultural and Pastoral Statistics Act, 1895.'—Actual Yields in Corn-crops, Grasses, &c., 1901-2.—Notice No. 717.

Department of Agriculture, Wellington, 10th July, 1902.

IT has been exceedingly difficult to procure an accurate return of the yields this year, as the weather during the last few months has been of an exceptional nature. In the early summer very dry weather was experienced over a large portion of the colony, stunting the growth of the crops to such an extent that when the estimated yields were declared in January last it was deemed advisable to deduct 9,000 acres from the area for threshing of wheat, oats, and barley. This was added on to the area for feeding down. The long spell of dry weather was followed by heavy rain, which lasted in parts of Canterbury and Otago right through the harvest, consequently much of the wheat sprouted. A very large quantity, therefore, will be unfit for milling. The oats and barley are sound, but there will be a great deal of discoloured grain.

In the *New Zealand Gazette* of the 30th January, 1902, there appeared a return showing the estimated yield of wheat, oats, and barley for the colony, viz.: Wheat, 25 bushels per acre; oats, 34; and barley, 28.

The actual yields are as follow:—

Wheat	24.76 bushels per acre.
Oats	37.06 " "
Barley	32.28 " "

WHEAT.

Area for threshing was 163,462 acres, at 24.76 bushels	4,046,589 bushels.
Amount of wheat returned on hand, 31st October, 1901 (as per returns)	3,182,007 "
Amount of wheat and flour imported from 1st November, 1901, to 28th February, 1902	1,448 "
	<u>7,230,044</u> "

Wheat and flour exported from 1st November, 1901, to 28th February, 1902 196,196 bushels.

Consumption for same period for population of 830,000, at the rate of 6 bushels per head per annum 1,660,000 "

1,856,196 "

Leaving available for all purposes as at 28th February, 1902 5,373,848 "

Estimated quantity required for seed (say 200,000 acres at 2 bushels per acre) 400,000 bushels.

Estimated consumption of 835,000 persons, at 6 bushels per head, from 1st March, 1902, to 28th February, 1903 5,010,000 "

5,410,000 "

Apparent deficit 36,152 "

The deficit will be increased by the large amount of wheat unfit for milling.

The following figures will show how the wheat-crop of 1900-01 was disposed of up to 31st October, 1901:—

In the *New Zealand Gazette* of 24th June, 1901, the wheat on hand, available for all purposes, as from 28th February, 1901, was stated at 8,620,659 bushels.

This has been disposed of as follows:—

For seed, 167,474 acres, at 2 bushels per acre 334,948 bushels.

Consumption for population of 820,000, at 6 bushels, for eight months (28th February, 1901, to 31st October, 1901) 3,280,000 "

Wheat and flour exported from 28th February, 1901, to 31st October, 1901 2,100,347 bushels.

Less imports 2,189 "

2,098,158 "

5,713,106 "

Leaving on hand at 31st October, 1901 2,907,553 "

Amount actually returned at 31st October, 1901 3,182,007 "

TABLE SHOWING AREAS AND YIELDS FOR 1900-1 AND 1901-2.

Crop.	1900-1.			1901-2.		
	Area.	Yield.	Total.	Area.	Yield.	Total.
	Acres.	Bushels.	Bushels.	Acres.	Bushels.	Bushels.
Wheat*	206,465	31.61	6,527,154	163,462	24.76	4,046,589
Oats*	449,534	42.45	19,085,837	405,924	37.06	15,045,233
Barley*	30,831	33.33	1,027,651	26,514	32.28	855,993
Rye*	1,388	22.45	31,169	1,090	25	27,250
Maize*	14,232	35.78	502,697	12,503	45.77	571,834
Peas*	5,888	36.38	214,211	7,242	22.88	164,712
Beans*	2,927	34.29	99,964	3,504	25.65	88,905
Rye-grass	23,270	20.44	475,418	16,244	21.97	356,765
Cocksfoot	35,758	151 lb.	5,401,764 lb.	27,876	160.76 lb.	4,481,340 lb.
Potatoes.. ..	28,524	5.9 tons	169,042 tons	31,259	6.61 tons	206,815 tons.

* The areas given are for threshing only.

TABLE SHOWING GRAIN, GRASS-SEED, ETC., ON HAND, 31ST OCTOBER, 1901.

Wheat	..	Bushels.	3,182,007	Maize	..	Bushels.	188,382	Rye-grass	..	lb.	7,741,741
Oats	..	Bushels.	2,771,286	Peas	..	Bushels.	44,931	Cocksfoot	..	lb.	2,816,108
Barley	..	Bushels.	454,239	Beans	..	Bushels.	33,878				
Rye	..	Bushels.	4,725								

JOHN D. RITCHIE,
Secretary for Agriculture.

SUMMARY.

ACREAGE AND ACTUAL YIELD OF CORN-CROPS, GRASSES, ETC., FOR THE YEARS 1895-96 TO 1901-2.

Year.	Wheat.*			Oats.*			Barley.*			Rye.*			Maize.*		
	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.	Acres.	Yield per Acre, in Bushels.	Total Bushels.
1895-96	245,441	28	6,843,768	364,747	34	12,263,540	35,356	29	1,035,762	3,366	23	78,421	13,834	44.18	611,200
1896-97	258,608	23	5,926,523	372,597	30	11,232,803	29,813	28	821,506	3,245	20	65,629	12,534	40.23	503,652
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	14,837	44.12	653,914
1898-99	399,034	32.76	13,073,416	417,320	39.56	16,511,388	45,671	36.73	1,677,908	2,946	22.44	65,999	18,539	43.95	813,379
1899-00	269,749	31.81	8,581,898	398,243	40.99	16,325,832	48,003	33.02	1,585,145	2,081	25.09	52,214	17,429	38.44	669,896
1900-01	206,465	31.61	6,527,154	449,534	42.45	19,085,837	30,831	33.33	1,027,651	1,388	22.45	31,169	14,232	35.78	502,697
1901-02	163,462	24.76	4,046,589	405,924	37.06	15,045,233	26,514	32.28	855,993	1,090	25	27,250	12,503	45.77	571,834

Year.	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 Bils of 20lb.	Total Bushels.	Acres.	Yield per Acre, in Pounds.	Total Pounds.	Acres.	Yield per Acre, in Tons.	Total Tons.
1895-96	7,200	27.05	194,753	4,863	35.55	172,866	57,107	19.31	1,101,795	36,740	192	7,041,078	31,997	6.47	207,011
1896-97	7,551	23.44	176,941	3,939	29.67	166,874	41,818	19.94	833,738	49,622	168	8,356,638	29,990	5.25	157,529
1897-98	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
1898-99	6,334	28.17	178,420	2,624	37.31	96,574	66,295	25.01	1,657,482	46,275	150	6,943,039	38,604	7.73	298,561
1899-00	7,086	34.02	241,090	3,094	37.33	115,488	39,543	25.12	993,184	54,718	165	9,026,906	36,984	6.0	222,124
1900-01	5,888	36.38	214,211	2,927	34.29	99,964	23,270	20.44	475,418	35,758	151	5,401,764	28,524	5.9	169,042
1901-02	7,242	22.88	164,712	3,504	25.65	88,905	16,244	21.97	356,765	27,876	160.76	4,481,340	31,259	6.61	206,815

* For threshing only.

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

County.	Wheat.			Oats.			Barley.		
	Acres.	Yield per Acre, in Bushels.	Total Bushels.	Acres.	Yield per Acre, in Bushels.	Total Bushels.	Acres.	Yield per Acre, in Bushels.	Total Bushels.
DISTRICT OF AUCKLAND.									
Mongonui ..									
Whangaroa ..									
Hokianga ..									
Bay of Islands ..									
Hobson ..	139	18	2,502	411	30	12,330	..	..	..
Whangarei ..									
Otamatea ..									
Rodney ..									
Waitemata ..									
Eden ..	676	21	14,196	1,173	33	38,709	..	..	..
Manukau ..									
Coromandel ..									
Thames ..									
Ohinemuri ..									
Waikato ..									
Raglan ..	837	24	20,088	3,497	35	122,395	567	24	13,608
Waipa ..									
Piako ..									
Kawhia ..									
Taupo West ..									
Taupo East ..									
Rotorua ..									
Tauranga ..	173	22	3,806	80	36	2,880	..	..	..
Whakatane ..									
Opotiki ..									
	1,825	22.24	40,592	5,161	34.16	176,314	567	24	13,608

The Counties of Waipapu and Cook are included in the Hawke's Bay District.

DISTRICT OF HAWKE'S BAY.

Waiapu ..	9*	..	..	120	32	3,840	184	35	6,440
Cook ..									
Wairoa ..	613	25	15,325	2,645	31	81,995	754	37	27,898
Hawke's Bay ..									
Waipawa ..	210	30	6,300	1,928	40	77,120	109	28	3,052
Patangata ..									
Deducted on account dry season	832	..	..	4,693	..	..	1,047	..	..
	100	..	..	500	..	..	100	..	..
	732	26.27	18,993	4,193	34.72	145,580	947	35.71	33,817

The Counties of Waiapu and Cook are included in the Hawke's Bay District.

DISTRICT OF TARANAKI.

Clifton ..									
Taranaki ..									
Stratford ..	606	33	19,998	4,503	35	157,605	427	40	17,080
Hawera ..									
Patea ..									
	606	33	19,998	4,503	35	157,605	427	40	17,080

DISTRICT OF WELLINGTON.

Waitotara ..	766	34	26,044	1,358	38	51,604	626	36	22,536
Wanganui ..									
Rangitikei ..	2,248	28	62,944	5,555	35	194,425			
Oroua ..									
Kiwitea ..	711	26	18,486	3,267	38	124,146	936	35	32,760
Pohangina ..									
Manawatu ..									
Horowhenua ..	755	30	22,650	5,646	40	225,840			
Hutt ..							1,358	31	42,098
Pahiatua ..									
Masterton ..									
Castlepoint ..									
Wairarapa South ..	1,358			6,159	38	234,042			
Mauriceville ..									
Eketahuna ..									
Akitio ..									
Deducted on account dry season	5,838	..	..	21,985	..	..	1,562	..	..
	100	..	..	200	..	..	100	..	..
	5,738	29.50	169,261	21,785	37.75	822,383	1,462	35.40	51,754

* Not included in averages.

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

County.	Wheat.			Oats.			Barley.		
	Acres.	Yield per Acre, in Bushels.	Total Bushels.	Acres.	Yield per Acre, in Bushels.	Total Bushels.	Acres.	Yield per Acre, in Bushels.	Total Bushels.
DISTRICT OF MARLBOROUGH.									
Sounds ..	2,310	30	..	2,609	33	..	6,414	32	..
Marlborough ..									
Kaikoura ..									
Deducted on account dry season	500	..	..	1,000	..	..	500	..	..
	1,810	30	54,300	1,609	33	53,097	5,914	32	189,248

DISTRICT OF NELSON.									
Collingwood ..	1,011	27	..	3,850	40	..	3,369	35	..
Waimea ..									
Buller ..									
Inangahua ..									
Deducted on account dry season	100	..	..	200	..	..	200	..	..
	911	27	24,697	3,650	40	146,000	3,169	35	110,915

The Counties of Amuri and Cheviot are included in the Canterbury District.

DISTRICT OF WESTLAND.***DISTRICT OF CANTERBURY.**

Amuri ..	321	25	8,025	754	24	18,096	155	34	5,270
Cheviot ..									
Ashley ..									
Selwyn ..									
Akaroa ..									
Ashburton ..									
Geraldine ..									
Levels ..									
Mackenzie ..									
Waimate ..									
Deducted on account dry season	121,852	167,623	10,051
	2,000	2,000	500
	119,852	23.72	2,842,889	165,623	32.24	5,339,685	9,551	30.18	288,249

DISTRICT OF OTAGO.

Waitaki ..	2,062	28	57,736	5,370	33	177,210	42	36	1,512
Waihemo ..									
Waikouaiti ..									
Peninsula ..									
Taieri ..									
Bruce ..									
Clutha ..									
Tuapeka ..									
Maniototo ..									
Vincent ..									
Lake ..	1,839	30	55,170	10,148	32	324,736	2,957	34	100,588
Southland ..									
Wallace ..									
Fiord ..	2,536	34	86,224	104,590	42	4,392,780	506	36	18,216
Deducted on account dry season	32,281	199,782	4,677
	300	400	200
	31,981	27.39	875,959	199,382	41.15	8,204,569	4,477	33.80	151,322

* Not included in averages.

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

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	1,825 3,049	22·24 20·14	40,592 61,414	5,161 6,780	34·16 32·46	176,314 220,144	567 526	24 20·46	13,608 10,764			
Hawke's Bay	732 926	26·27 20·80	18,993 19,268	4,193 5,876	34·72 35·37	145,580 207,870	947 1,276	35·71 28·2	33,817 35,988			
Taranaki	606 920	33 28·71	19,998 26,414	4,503 5,144	35 43·37	157,605 223,135	427 298	40 38·38	17,080 11,440			
Wellington	5,738 5,845	29·50 29·82	169,261 174,306	21,785 25,435	37·75 38·71	822,383 984,591	1,462 701	35·40 34·97	51,754 24,515			
Marlborough	1,810 2,851	30 24·34	54,300 69,394	1,609 3,772	33 35	53,097 132,020	5,914 4,833	32 29·41	189,248 142,186	1,090 1,388	25 22·45	27,250 31,169
Nelson	911 1,343	27 27	24,597 36,261	3,650 3,639	40 30·14	146,000 109,715	3,169 4,152	35 21·23	110,915 88,188			
Westland	7* ..	.. ..	.. ..	18* 7*	.. ..	.. ..	.. ..	.. ..	.. ..
Canterbury	119,852 147,321	23·72 31·76	2,842,889 4,679,845	165,623 179,406	32·24 41·97	5,339,685 7,531,242	9,551 12,245	30·18 39·85	288,249 488,043			
Otago	31,981 44,210	27·39 33·02	875,959 1,460,252	199,382 219,475	41·15 44·09	8,204,569 9,677,120	4,477 6,800	33·80 33·31	151,322 226,521			
Totals	163,462 206,465	24·76 31·61	4,046,589 6,527,154	405,924 449,534	37·06 42·45	15,045,233 19,085,837	26,514 30,831	32·28 33·33	855,993 1,027,651	1,090 1,388	25 22·45	27,250 31,169

* Not included in averages.

The Counties of Amuri and Cheviot are included in the Canterbury District. The Counties of Waiapu and Cook are included in the Hawke's Bay District.

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

By Authority: JOHN MACRAE, Government Printer, Wellington.

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 20 lb.	Total Bushels.	Acres.	Yield per Acre in Pounds.	Total Pounds.	Acres.	Yield per Acre in Tons.	Total Tons.	
Auckland	1901-2	9,554	45	429,930	105	25	2,625	45	35	1,575	938	15	14,070	2,485	110	273,350	7,224	6	43,344
	1900-1	11,637	35·10	408,458	115	20·75	2,386	42	33·01	1,386	1,027	11·32	11,625	1,420	107	151,940	6,340	5·58	35,377
Hawke's Bay	1901-2	2,580	50	129,000	55	25	1,375	55	30	1,650	4,482	13	58,266	1,204	150	180,600	2,189	7·50	16,417
	1900-1	2,230	40·46	90,225	87	39·84	3,466	219	33·50	7,336	6,576	18	118,368	3,560	130	462,800	1,785	6·60	11,781
Taranaki	1901-2	177	40	7,080	30	28	840	18*	..	..	227	12	2,724	2,144	140	300,160	1,647	7	11,529
	1900-1	181	22·18	4,014	22	35·48	780	48	38·4	1,843	267	20·65	5,513	3,132	132	413,424	1,368	6·50	8,892
Wellington	1901-2	182	32	5,824	696	25	17,400	178	30	5,340	291	27	7,857	994	150	149,100	3,531	7·25	25,599
	1900-1	171*	..	..	546	38·52	21,031	156	35·7	5,569	624	25·40	15,849	2,765	140	387,100	2,990	6·20	18,538
Marlborough	1901-2	1*	..	..	1,017	36	36,612	64	35	2,240	156	20	3,120	459	180	82,620	557	7·50	4,177
	1900-1	2*	..	..	989	30·7	30,362	38	37·23	1,414	191	12·6	2,406	414	180	66,240	573	6·35	3,638
Nelson	1901-2	9*	..	..	486	20	9,720	15*	..	..	10*	..	..	120	150	18,000	1,271	6	7,626
	1900-1	10*	..	..	485	32·64	15,830	12	36	432	15*	..	..	252	160	40,320	1,111	5	5,555
Westland	1901-2	..	..	..	..	..	..	..	..	..	..	..	..	6*	..	..	235	5	1,175
	1900-1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	272	5·25	1,428
Canterbury	1901-2	..	..	..	4,807	20	96,140	3,124	25	78,100	1,649	20	32,980	20,231	170	3,439,270	9,318	7	65,226
	1900-1	1*	..	..	3,591	38·7	138,971	2,400	34·16	81,984	6,162	23	141,726	23,884	160	3,821,440	9,023	6·43	58,017
Otago	1901-2	..	..	..	46*	..	..	5*	..	..	8,491	28	237,748	239	160	38,240	5,287	6	31,722
	1900-1	..	..	..	53	26·14	1,385	12*	..	..	8,408	21·4	179,931	325	180	58,500	5,062	5·10	25,816
Totals	1901-2	12,503	45·77	571,834	7,242	22·88	164,712	3,504	25·65	88,905	16,244	21·97	356,765	27,376	160·76	4,481,340	31,259	6·61	206,815
	1900-1	14,232	35·78	502,697	5,888	36·38	214,211	2,927	34·29	99,964	23,270	20·44	475,418	35,758	151	5,401,764	28,524	5·9	169,042

* Not included in the averages.

The Counties of Amuri and Cheviot are included in the Canterbury District. The Counties of Waiapu and Cook are included in the Hawke's Bay District.